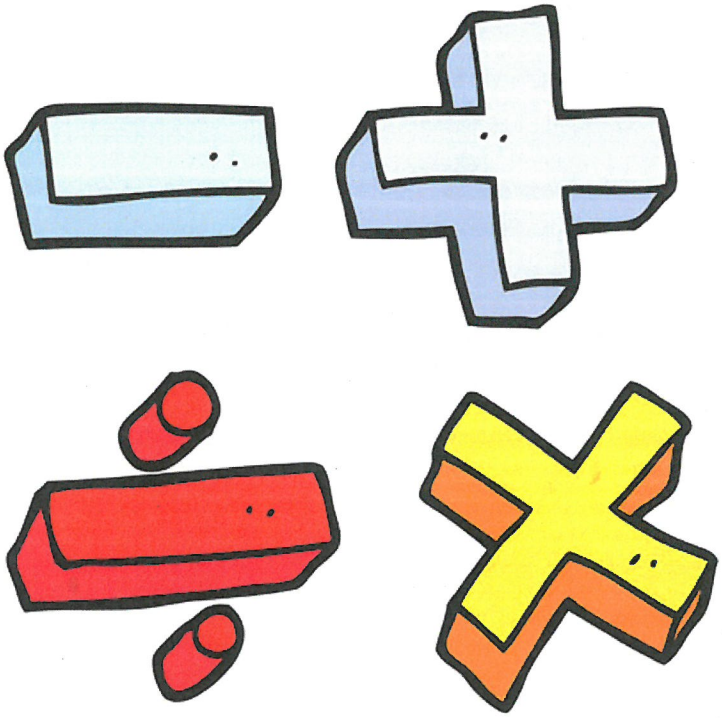
Summer Math Practice
Entering Grades 6-8

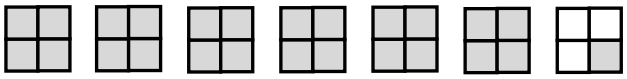
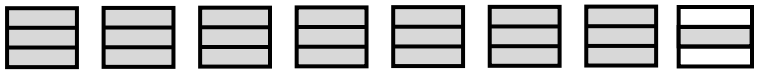
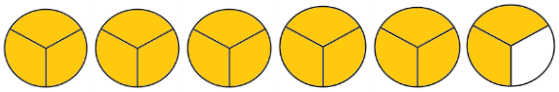
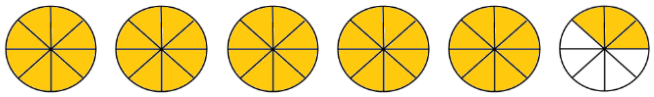
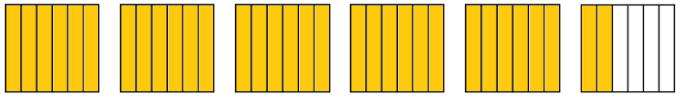
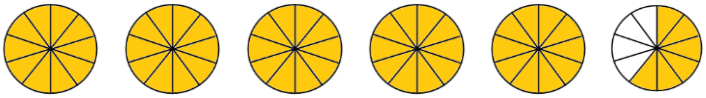
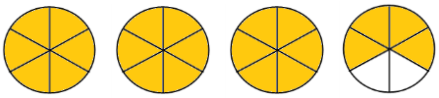
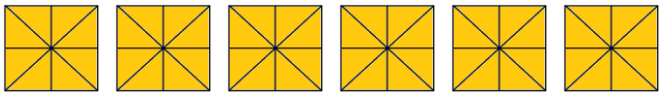
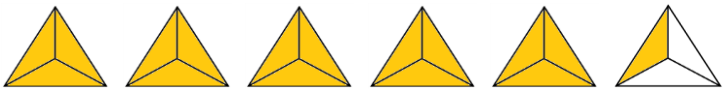
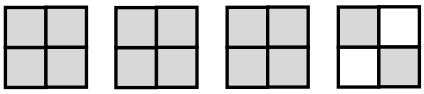


Name: _____

Grade (incoming): _____

Naming the Improper Fraction and Mixed Number

Directions: **Name the Improper Fraction and Equivalent Mixed Number for each shaded figure below.**

1.		→	$\frac{25}{4}$	= $6\frac{1}{4}$
2.		→		=
3.		→		=
4.		→		=
5.		→		=
6.		→		=
7.		→		=
8.		→		=
9.		→		=
10.		→		=
11.		→		=
12.		→		=
13.		→		=
14.		→		=

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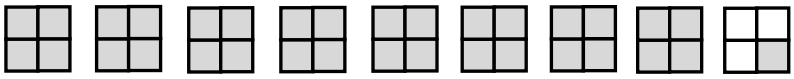
Naming the Improper Fraction and Mixed Number

Directions: Name the Improper Fraction and Equivalent Mixed Number for each shaded figure below.

1.		$\frac{33}{4}$	$= 8\frac{1}{4}$
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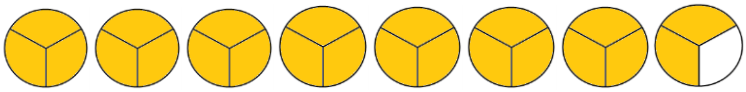
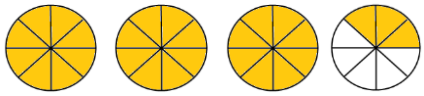
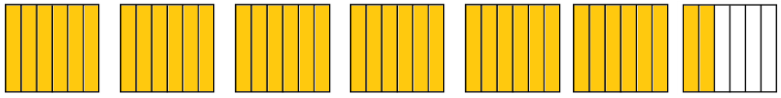
3.			
4.			
5.			
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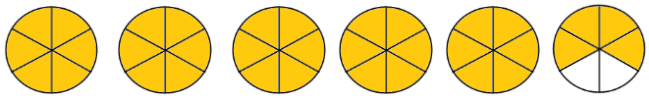
7.			
8.			
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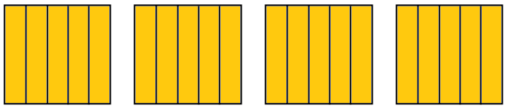
11.			
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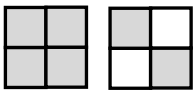
13.			
14.			

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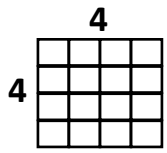
Multiplication Facts – Perfect Squares - Via Area Models

Directions: Label the length of each side. Then, compute the area. Write the multiplication Math fact on the line provided. Problem Number 1 is done as an example.

1.



4 x 4 = 16

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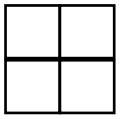

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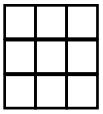

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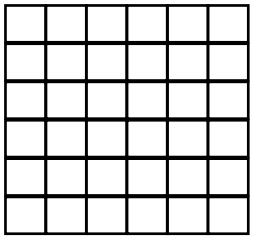

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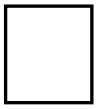

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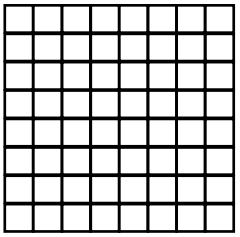

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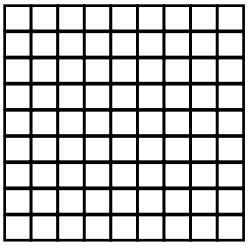

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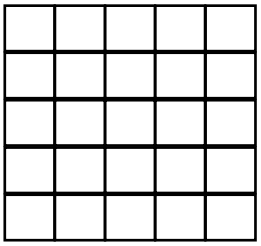

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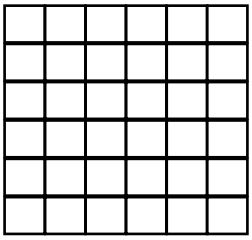

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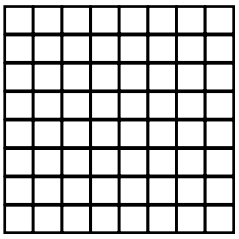

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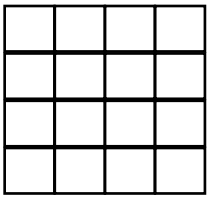

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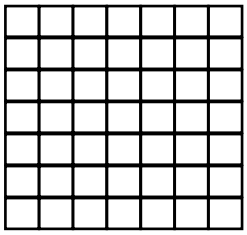

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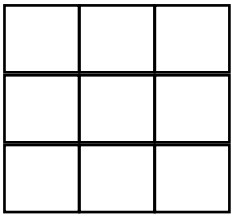

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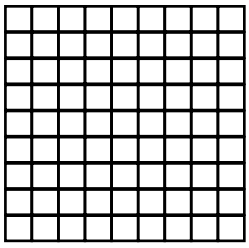

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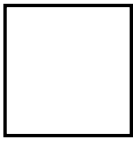

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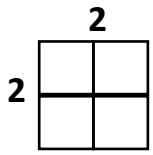
Multiplication Facts – Perfect Squares - Via Area Models

Directions: Label the length of each side. Then, compute the area. Write the multiplication Math fact on the line provided. Problem Number 1 is done as an example.

1.



2 x 2 = 4

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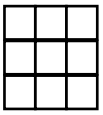

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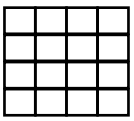

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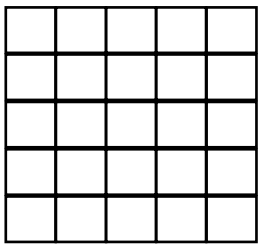

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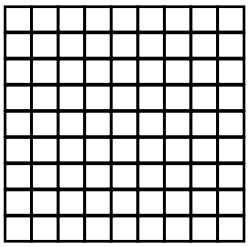

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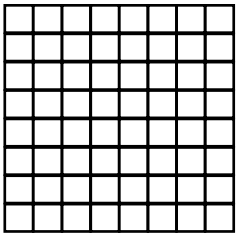

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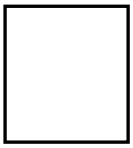

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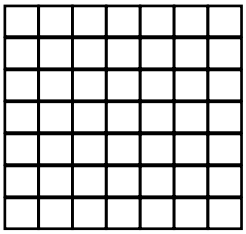

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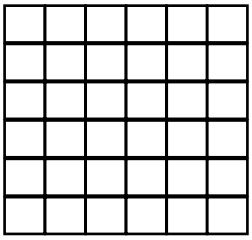

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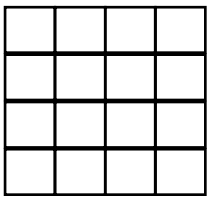

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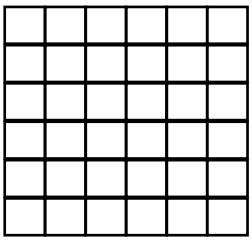

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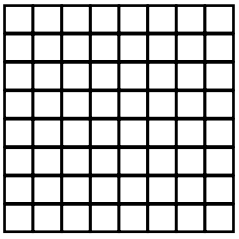

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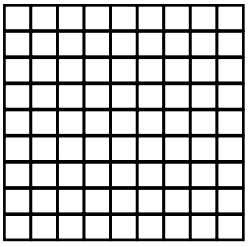

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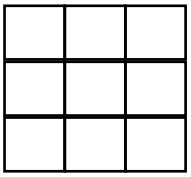

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Fact Family – Multiplication & Division – Level 3

Directions: **Complete each fact family correctly.**

25	x	5	=	125	13	x	2	=		3	x	25	=	
5	x	25	=	125		x		=			x		=	
125	÷	5	=	25		÷		=			÷		=	
125	÷	25	=	5		÷		=			÷		=	

	x	3	=	150	12	x	4	=		3	x		=	36
	x		=			x		=			x		=	
	÷		=			÷		=			÷		=	
	÷		=			÷		=			÷		=	

	x		=			x		=		x		=	
4	x		=	200		x		=		x		=	
	÷		=		30	÷	2	=		44	÷		=	11
	÷		=			÷		=			÷		=	

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Fact Family – Multiplication & Division – Level 3

Directions: **Complete each fact family correctly.**

25	x	4	=	100	15	x	3	=		4	x	20	=	
4	x	25	=	100		x		=			x		=	
100	÷	4	=	25		÷		=			÷		=	
100	÷	25	=	4		÷		=			÷		=	

	x	3	=	270	12	x	3	=		4	x		=	60
	x		=			x		=			x		=	
	÷		=			÷		=			÷		=	
	÷		=			÷		=			÷		=	

	x		=			x		=		x		=	
6	x		=	540		x		=		x		=	
	÷		=		75	÷	3	=		55	÷		=	11
	÷		=			÷		=			÷		=	

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Fact Family – Multiplication & Division – Level 3

Directions: **Complete each fact family correctly.**

22	x 5 =	110	12	x 2 =		3	x 25 =	
5	x 22 =	110		x =			x =	
110	÷ 5 =	22		÷ =			÷ =	
110	÷ 22 =	5		÷ =			÷ =	

	x 10 =	120	22	x 3 =		3	x =	36
	x =			x =			x =	
	÷ =			÷ =			÷ =	
	÷ =			÷ =			÷ =	

	x =			x =			x =	
7	x =	140		x =			x =	
	÷ =		45	÷ 3 =		77	÷ =	11
	÷ =			÷ =			÷ =	

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ADD A FRACTION TO MAKE ONE

Add the fraction that makes the equation true.

$\frac{11}{23} + \frac{12}{23} = 1$	$\frac{6}{10} + \frac{\quad}{\quad} = 1$	$\frac{13}{27} + \frac{\quad}{\quad} = 1$	$\frac{5}{7} + \frac{\quad}{\quad} = 1$
$\frac{\quad}{\quad} + \frac{10}{23} = 1$	$\frac{\quad}{\quad} + \frac{13}{18} = 1$	$\frac{\quad}{\quad} + \frac{14}{17} = 1$	$\frac{\quad}{\quad} + \frac{2}{8} = 1$
$\frac{\quad}{\quad} + \frac{2}{9} = 1$	$\frac{\quad}{\quad} + \frac{13}{16} = 1$	$\frac{3}{7} + \frac{\quad}{\quad} = 1$	$\frac{4}{18} + \frac{\quad}{\quad} = 1$
$\frac{8}{18} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{15}{22} = 1$	$\frac{8}{19} + \frac{\quad}{\quad} = 1$	$\frac{8}{15} + \frac{\quad}{\quad} = 1$
$\frac{\quad}{\quad} + \frac{10}{14} = 1$	$\frac{\quad}{\quad} + \frac{15}{16} = 1$	$\frac{12}{26} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{14}{27} = 1$
$\frac{12}{16} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{8}{14} = 1$	$\frac{\quad}{\quad} + \frac{4}{9} = 1$	$\frac{3}{17} + \frac{\quad}{\quad} = 1$
$\frac{2}{6} + \frac{\quad}{\quad} = 1$	$\frac{9}{18} + \frac{\quad}{\quad} = 1$	$\frac{2}{10} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{15}{25} = 1$
$\frac{2}{7} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{7}{19} = 1$	$\frac{\quad}{\quad} + \frac{15}{28} = 1$	$\frac{9}{19} + \frac{\quad}{\quad} = 1$
$\frac{5}{16} + \frac{\quad}{\quad} = 1$	$\frac{3}{7} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{4}{16} = 1$	$\frac{\quad}{\quad} + \frac{13}{19} = 1$

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ADD A FRACTION TO MAKE ONE

Add the fraction that makes the equation true.

$\frac{5}{9} + \frac{4}{9} = 1$ $\quad __ + \frac{7}{8} = 1$ $\quad \frac{5}{15} + __ = 1$ $\quad __ + \frac{4}{16} = 1$

$__ + \frac{12}{22} = 1$ $\quad __ + \frac{3}{12} = 1$ $\quad __ + \frac{11}{19} = 1$ $\quad \frac{13}{25} + __ = 1$

$\frac{12}{24} + __ = 1$ $\quad __ + \frac{7}{15} = 1$ $\quad __ + \frac{15}{24} = 1$ $\quad __ + \frac{10}{16} = 1$

$\frac{10}{14} + __ = 1$ $\quad \frac{10}{19} + __ = 1$ $\quad \frac{10}{15} + __ = 1$ $\quad \frac{2}{15} + __ = 1$

$__ + \frac{4}{11} = 1$ $\quad __ + \frac{11}{18} = 1$ $\quad __ + \frac{3}{9} = 1$ $\quad \frac{2}{17} + __ = 1$

$\frac{9}{15} + __ = 1$ $\quad __ + \frac{14}{17} = 1$ $\quad \frac{4}{8} + __ = 1$ $\quad __ + \frac{10}{18} = 1$

$\frac{13}{27} + __ = 1$ $\quad \frac{8}{18} + __ = 1$ $\quad \frac{13}{15} + __ = 1$ $\quad \frac{7}{16} + __ = 1$

$__ + \frac{3}{12} = 1$ $\quad __ + \frac{2}{10} = 1$ $\quad __ + \frac{12}{18} = 1$ $\quad \frac{4}{15} + __ = 1$

$__ + \frac{5}{16} = 1$ $\quad __ + \frac{4}{6} = 1$ $\quad __ + \frac{11}{15} = 1$ $\quad \frac{2}{13} + __ = 1$

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ADD A FRACTION TO MAKE ONE

Add the fraction that makes the equation true.

$\frac{11}{14} + \frac{3}{14} = 1$	$\frac{1}{7} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{10}{19} = 1$	$\frac{\quad}{\quad} + \frac{14}{16} = 1$
$\frac{\quad}{\quad} + \frac{11}{23} = 1$	$\frac{\quad}{\quad} + \frac{6}{14} = 1$	$\frac{8}{11} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{7}{15} = 1$
$\frac{13}{28} + \frac{\quad}{\quad} = 1$	$\frac{6}{14} + \frac{\quad}{\quad} = 1$	$\frac{13}{28} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{11}{17} = 1$
$\frac{\quad}{\quad} + \frac{8}{21} = 1$	$\frac{12}{24} + \frac{\quad}{\quad} = 1$	$\frac{3}{8} + \frac{\quad}{\quad} = 1$	$\frac{3}{7} + \frac{\quad}{\quad} = 1$
$\frac{\quad}{\quad} + \frac{6}{18} = 1$	$\frac{1}{8} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{15}{25} = 1$	$\frac{2}{16} + \frac{\quad}{\quad} = 1$
$\frac{9}{24} + \frac{\quad}{\quad} = 1$	$\frac{12}{24} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{9}{20} = 1$	$\frac{\quad}{\quad} + \frac{7}{19} = 1$
$\frac{\quad}{\quad} + \frac{10}{11} = 1$	$\frac{\quad}{\quad} + \frac{6}{13} = 1$	$\frac{13}{18} + \frac{\quad}{\quad} = 1$	$\frac{5}{19} + \frac{\quad}{\quad} = 1$
$\frac{5}{7} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{4}{9} = 1$	$\frac{3}{5} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{4}{13} = 1$
$\frac{10}{21} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{2}{5} = 1$	$\frac{2}{8} + \frac{\quad}{\quad} = 1$	$\frac{\quad}{\quad} + \frac{9}{10} = 1$

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3 X, 4 X, 5 X Multiplication Practice

3X, 4X, and 5X Directions: **Compute the product of each problem below.**

5 times 20	100
4 times 10	40
3 x 12	36
5 x 50	
4 times 9	
5 times 11	
5 x 20	
3 times 30	
4 times 3	
3 x 25	
3 times 10	
4 times 7	
5 x 9	
4 times 8	
5 times 11	
3 x 25	
3 times 7	
5 times 7	
4 x 25	
4 times 11	
3 times 12	
3 x 12	
3 times 50	
4 times 3	
5 x 20	
3 times 12	
4 times 5	
5 x 11	
4 times 8	
3 times 90	
4 times 30	
3 x 30	

4 times 20	80
3 times 40	120
5 times 8	40
3 x 11	
3 times 50	
4 times 3	
5 x 20	
3 times 12	
4 times 5	
5 x 11	
4 times 8	
3 times 90	
4 times 30	
3 x 30	
5 times 40	
5 x 10	
3 times 40	
4 times 3	
3 x 50	
5 times 10	
4 times 25	
3 x 11	
4 times 11	
5 x 11	
5 x 40	
3 times 30	
4 times 3	
5 times 11	
5 x 12	
3 times 30	
4 times 3	
3 x 20	

3 x 12	36
3 times 20	60
5 times 20	100
5 x 8	
4 times 11	
3 times 20	
4 x 12	
3 times 40	
4 times 6	
3 x 70	
3 times 10	
4 times 4	
5 x 12	
4 times 20	
5 times 40	
5 x 10	
3 times 40	
4 times 3	
3 x 50	
5 times 10	
4 times 25	
3 x 11	
3 times 50	
4 times 3	
5 x 20	
3 times 12	
4 times 5	
5 x 11	
4 times 8	
3 times 90	
4 times 30	
3 x 30	

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Multiples Challenge 1 – (1 through 12)

<u>Directions:</u> In 5 minutes, fill in the table with the correct multiples by skip counting downward.

1	2	3	4	5	6	7	8	9	10	11	12
0	*0*	*0*	*0*	*0*	*0*						
1	*2*	*3*	*4*								
2	*4*	*6*									
3	*6*										
4											
5											
6											
7											
8											
9											
10											
11											
12											

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3 X, 4 X, 5 X Multiplication Practice

3X, 4X, and 5X Directions: **Compute the product of each problem below.**

4 times 10	40
5 times 7	35
3 x 9	27
5 x 8	
4 times 11	
3 times 20	
4 x 12	
3 times 40	
4 times 6	
3 x 70	
3 times 10	
4 times 4	
5 x 12	
4 times 20	
5 times 40	
5 x 10	
3 times 40	
4 times 3	
3 x 50	
5 times 10	
4 times 25	
3 x 11	
4 times 11	
5 x 11	
5 x 40	
4 times 10	
3 x 15	
5 times 9	
5 x 20	
3 times 50	
4 times 4	
3 x 40	

4 times 10	40
5 times 30	150
3 times 7	21
5 x 50	
4 times 9	
5 times 11	
5 x 20	
4 x 30	
4 times 11	
3 times 25	
3 x 12	
4 times 50	
4 times 80	
4 times 8	
5 times 11	
3 x 25	
3 times 7	
9 times 7	
4 x 25	
4 times 11	
3 times 12	
3 x 12	
3 times 50	
4 times 30	
5 x 20	
3 times 30	
4 times 3	
5 times 11	
5 x 12	
3 times 30	
4 times 3	
3 x 20	

3 x 12	36
4 times 10	40
5 times 20	100
4 times 9	
5 times 11	
5 x 12	
3 times 30	
4 times 3	
3 x 20	
4 times 7	
5 times 7	
4 x 9	
4 times 11	
3 times 25	
3 x 12	
3 times 50	
4 times 8	
5 x 20	
3 times 25	
4 times 25	
5 x 11	
3 x 40	
3 times 50	
4 times 3	
5 x 20	
3 times 12	
4 times 5	
5 x 11	
4 times 8	
3 times 90	
4 times 30	
3 x 30	

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3 X, 4 X, 5 X Multiplication Practice

3X, 4X, and 5X Directions: **Compute the product of each problem below.**

3 times 10	30
4 times 7	28
5 x 9	45
4 times 9	
5 times 11	
5 x 12	
3 times 30	
4 times 3	
3 x 20	
3 times 7	
5 times 7	
4 x 9	
4 times 11	
3 times 25	
3 x 12	
3 times 50	
4 times 8	
5 x 20	
3 times 25	
4 times 25	
5 x 11	
4 times 8	
5 times 11	
4 x 12	
4 times 20	
4 times 10	
3 x 15	
5 times 9	
5 x 20	
3 times 50	
4 times 4	

5 times 10	50
3 x 30	90
4 times 7	28
5 x 8	
4 times 11	
3 times 20	
4 x 12	
3 times 40	
4 times 6	
3 x 70	
3 times 10	
4 times 4	
5 x 12	
4 times 20	
5 times 40	
5 x 10	
3 times 40	
4 times 3	
3 x 50	
5 times 10	
4 times 25	
3 x 11	
4 times 11	
5 x 11	
5 x 40	
3 times 30	
4 times 3	
5 times 11	
5 x 12	
3 times 30	
4 times 3	

4 x 12	48
3 times 10	30
4 times 25	100
5 x 50	
4 times 9	
5 times 11	
5 x 20	
3 times 30	
4 times 3	
3 x 25	
3 times 10	
4 times 7	
5 x 9	
4 times 8	
5 times 11	
3 x 25	
3 times 7	
5 times 7	
4 x 25	
4 times 11	
3 times 12	
3 x 12	
3 times 50	
4 times 3	
5 x 20	
3 times 12	
4 times 5	
5 x 11	
4 times 8	
3 times 90	
4 times 30	

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Even Or Odd

State whether each number is even or odd. Write "o" for odd an "e" for even.

1 o	4 e	9 o
91,487 o	92,321 o	32,510 e
11	8	262
3,439	39,000	93,611
162	24	18,898
0	70,805	4
78	46	49
5,247,324	9,462,741	2,702,827
2	1	7
15	0	8
5,578	52,105	17,677
10	7	3
18	198	3
0	0	14,294
39,497	62,023	83,267
2	1	7
37,843	37,201	91,845
9	0	5
0	7,057	4,437
9,999,981	9,999,982	9,999,999
16	90	4
59	8	15,775
7	0	8
0	27,542	6
9,999,965	9,999,989	9,999,989
273	0	140

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ORDER OF OPERATIONS - LEVEL 1

1) 6 - (3 - 3) = 6

2) 5(4 x 2) =

3) 18 - (7 + 7) =

4) (10 + 5) - 8 =

5) (5 x 6) - 4 =

6) 2(3 + 5) =

7) 15 - (3 x 5) =

8) 24 - 3 x 4 =

9) 4(3 x 1) =

10) 6 + 3 x 3 =

11) (23 - 11) - 8 =

12) 9 + 4 x 6 =

13) (3 + 2) x 3 =

14) 15 + (9 - 7) =

15) (15 + 7) + 9 =

16) 23 - 4 x 4 =

17) (5 x 6) + 4 =

18) 3(3 + 4) =

19) 6 + (2 x 3) =

20) (4 - 3) + 4 =

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ORDER OF OPERATIONS - LEVEL 1

1) (10 + 5) - 4 = 11

2) 15 - (5 x 3) =

3) (4 + 4) x 5 =

4) (17 - 5) + 4 =

5) 3(3 + 2) =

6) 20 - (9 + 10) =

7) (4 x 4) + 3 =

8) 15 + (15 - 9) =

9) (19 - 7) - 7 =

10) (4 x 4) - 2 =

11) 13 - (6 - 6) =

12) 5 + (5 x 3) =

13) 6 + (6 + 11) =

14) 21 - 2 x 4 =

15) 16 - 3 x 2 =

16) 3(3 x 2) =

17) (8 + 7) + 8 =

18) 2 + 4 x 2 =

19) 2(5 + 2) =

20) 8 + 2 x 3 =

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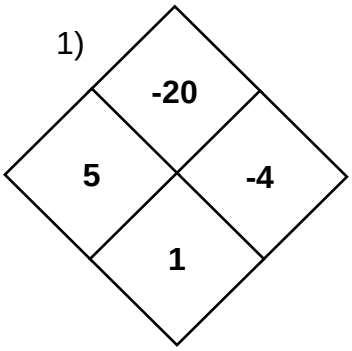
Diamond Problems - Level 3

The top cell contains the **product** of the numbers in the left and right cells. The bottom cell is the **sum** of the left and right cell numbers. See problem 1, and then complete the rest of the diamonds.

1)



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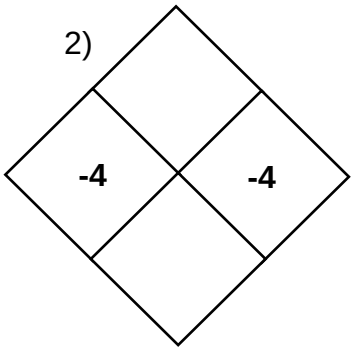

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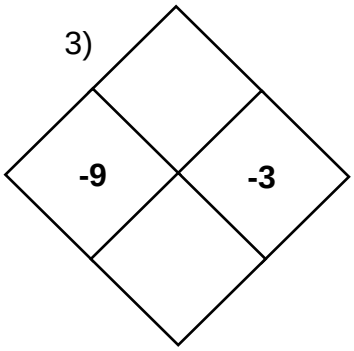

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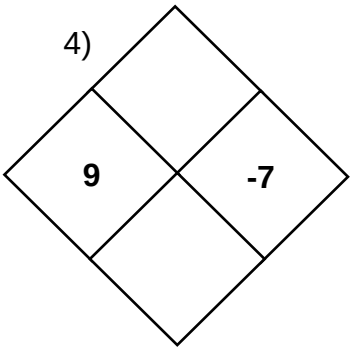

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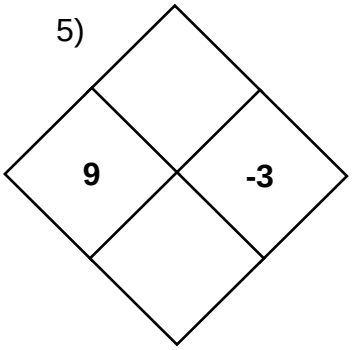

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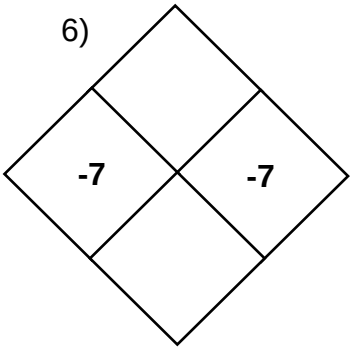

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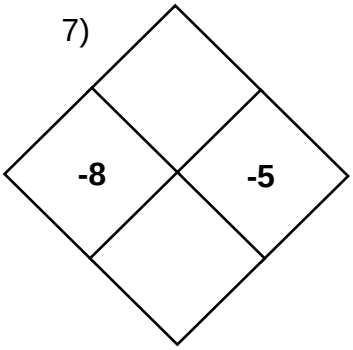

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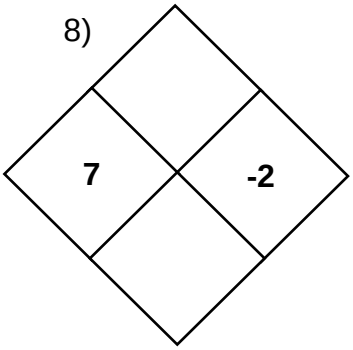

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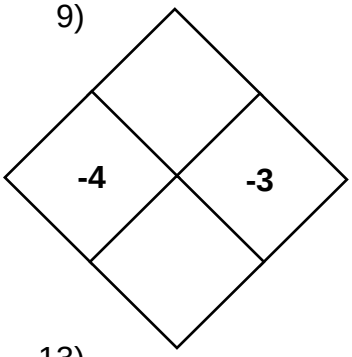

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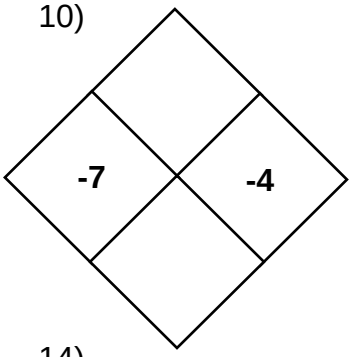

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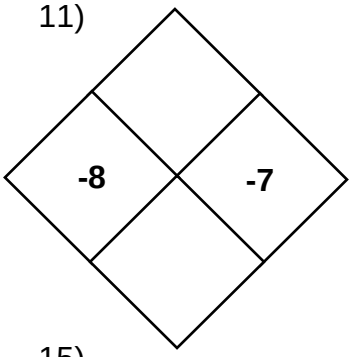

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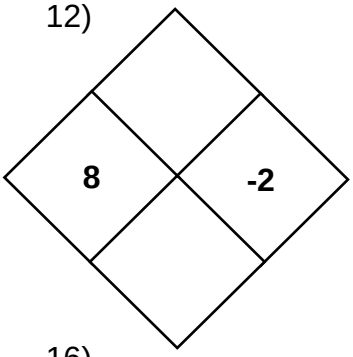

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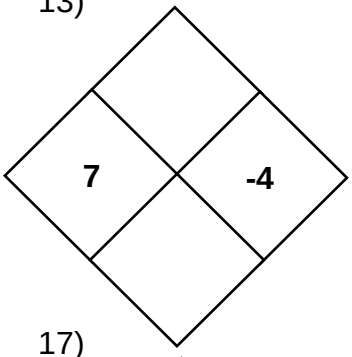

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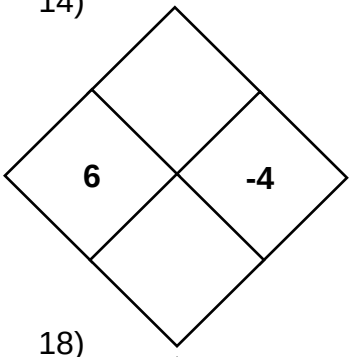

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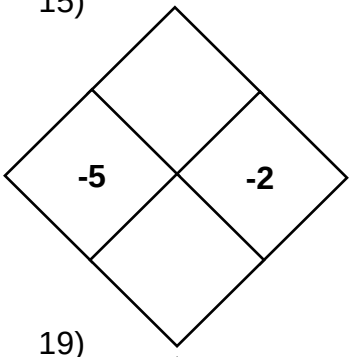

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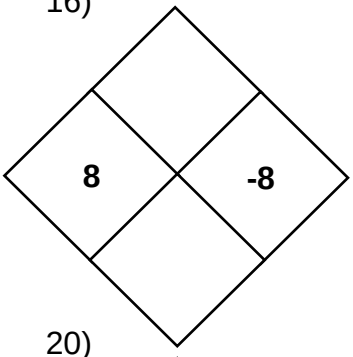

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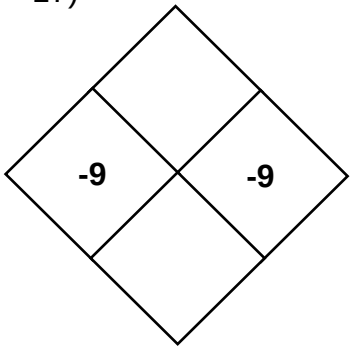

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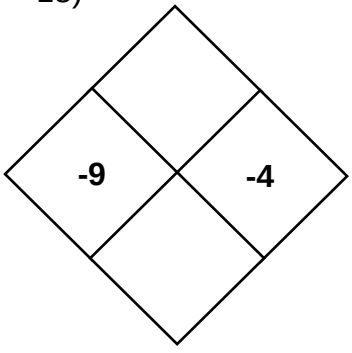

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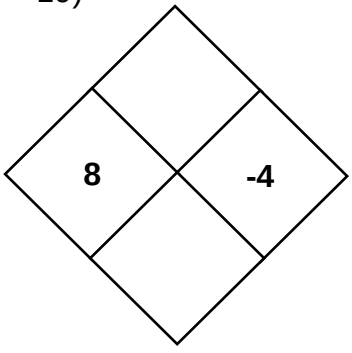

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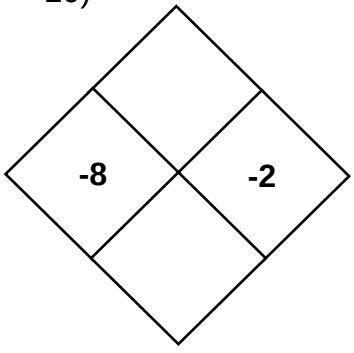

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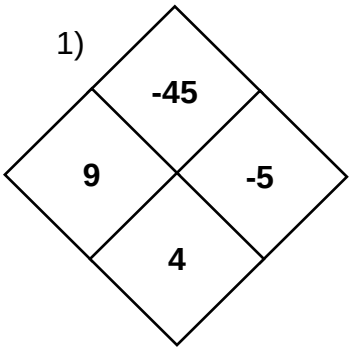
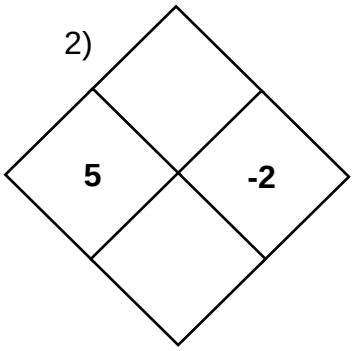
Diamond Problems - Level 3

The top cell contains the **product** of the numbers in the left and right cells. The bottom cell is the **sum** of the left and right cell numbers. See problem 1, and then complete the rest of the diamonds.

1)



2)



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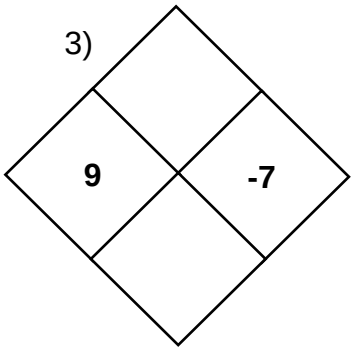

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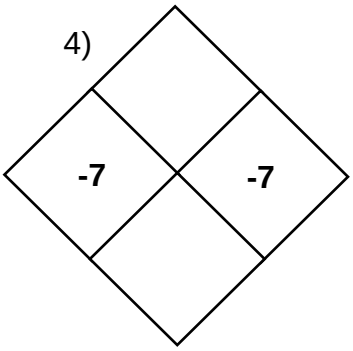

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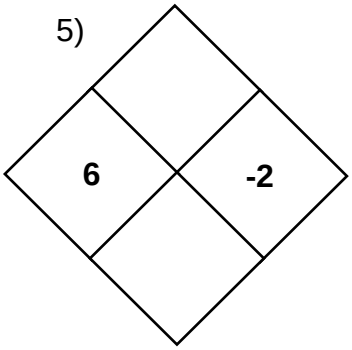

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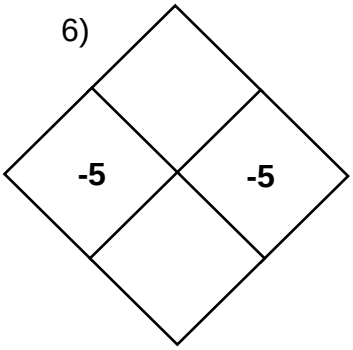

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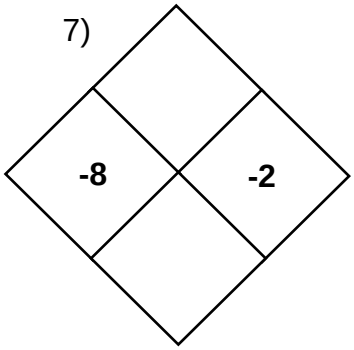

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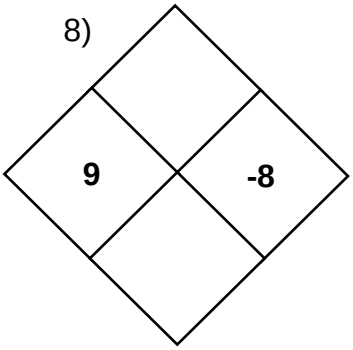

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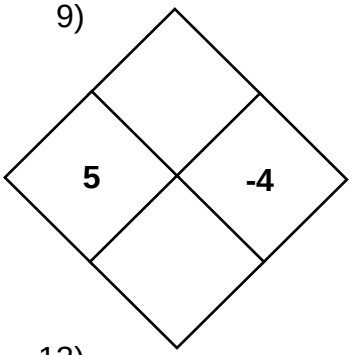

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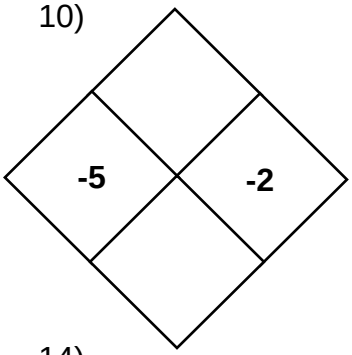

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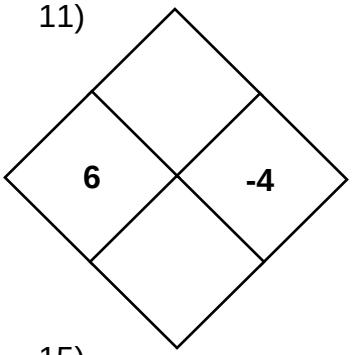
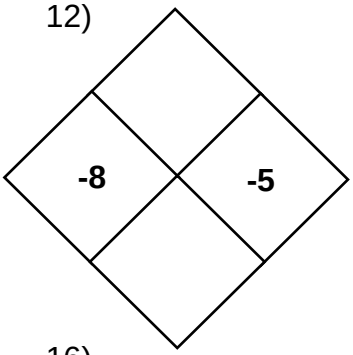


12)



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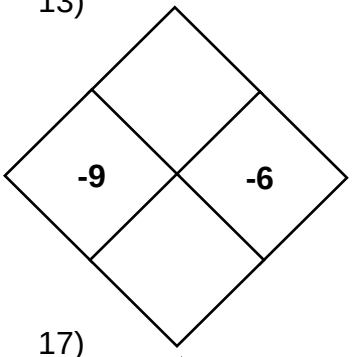

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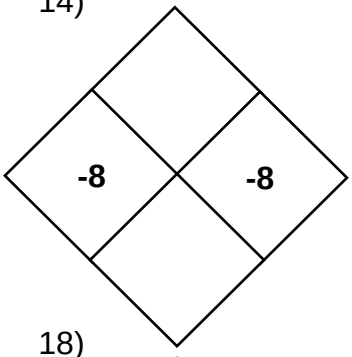

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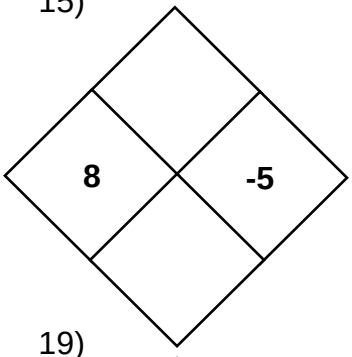

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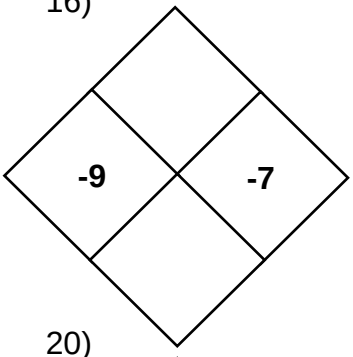

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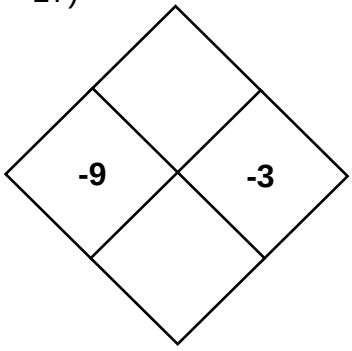

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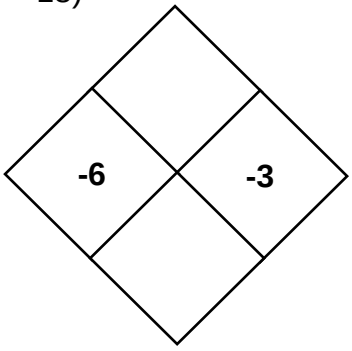

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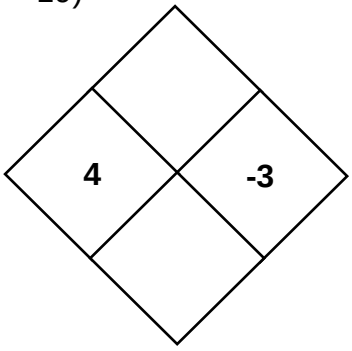
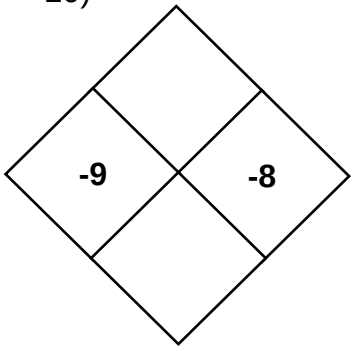


20)



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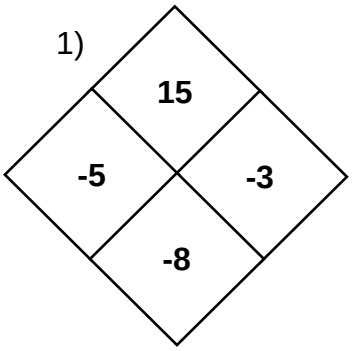
Diamond Problems - Level 3

The top cell contains the **product** of the numbers in the left and right cells. The bottom cell is the **sum** of the left and right cell numbers. See problem 1, and then complete the rest of the diamonds.

1)



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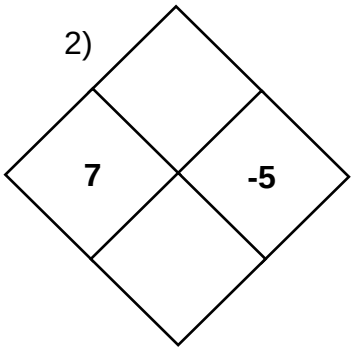

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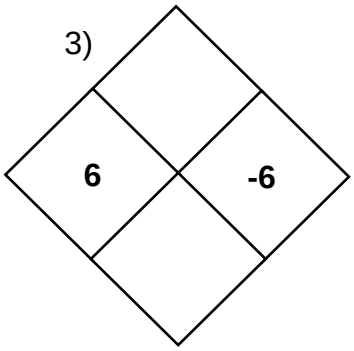

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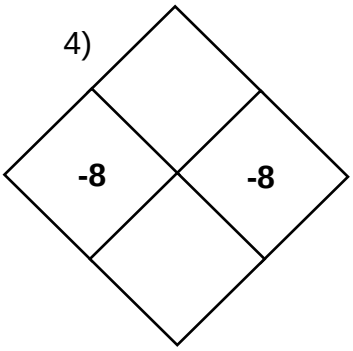

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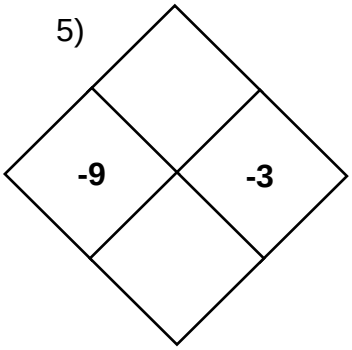

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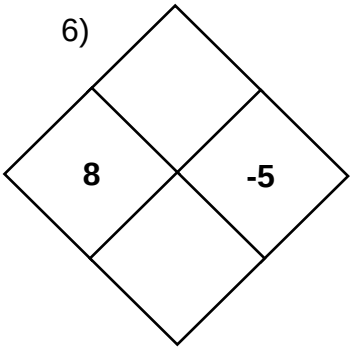

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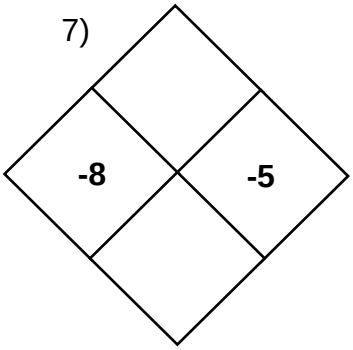
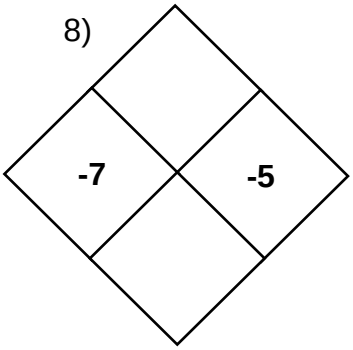


8)



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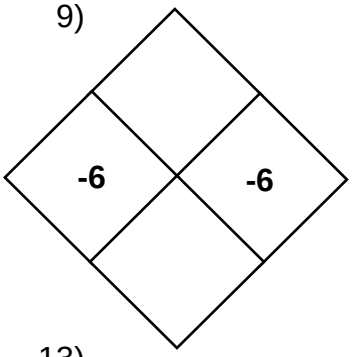

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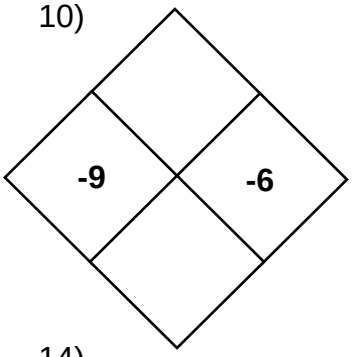

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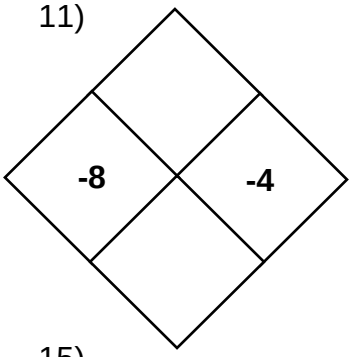

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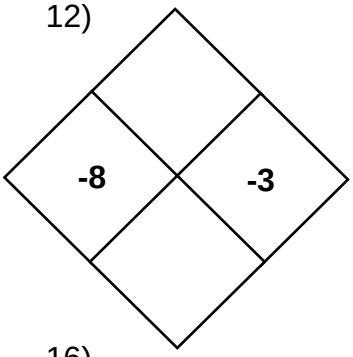

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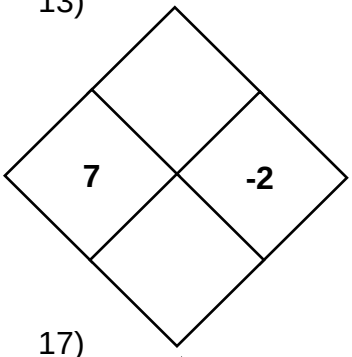

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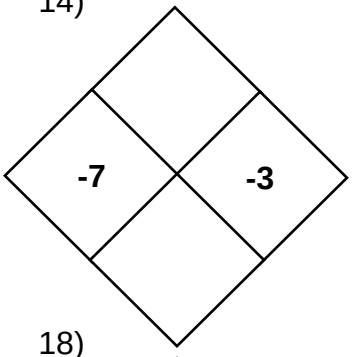

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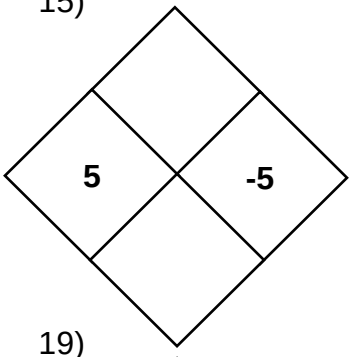

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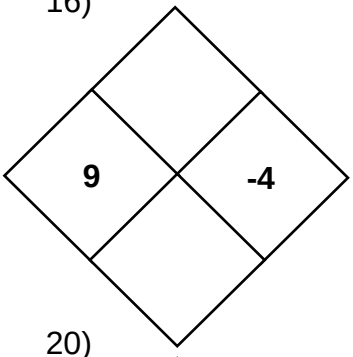

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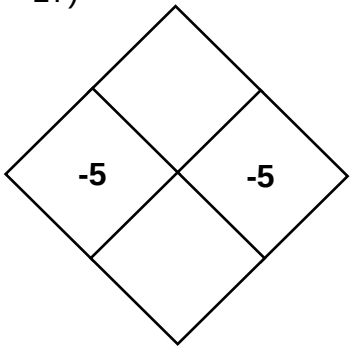

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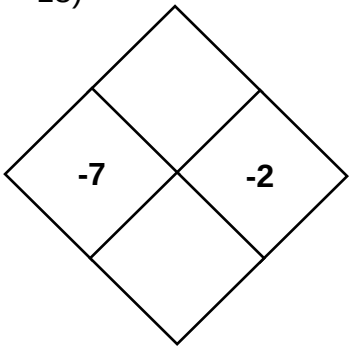

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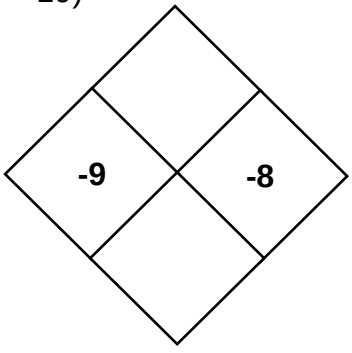

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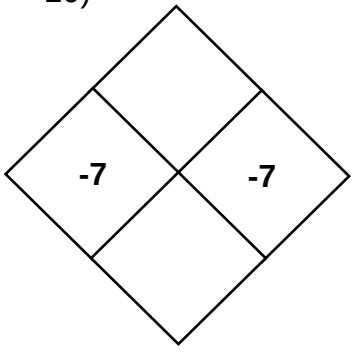

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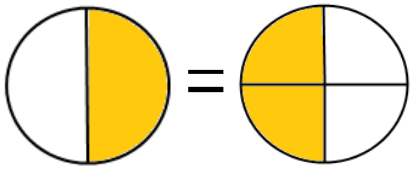
Equivalent Fractions – Level 1

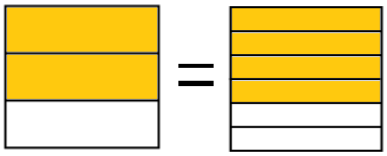
Directions: **Using the pictures, write the missing numerator, denominator or proper fractions so in the box(es) so proper fractions are equivalent. See Example.**

1



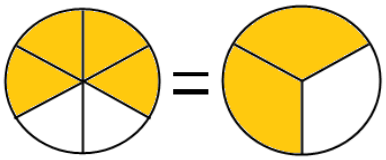
$\frac{1}{2} = \frac{2}{4}$

2



$\frac{2}{3} = \frac{\square}{6}$

3

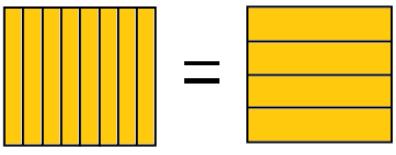


$\frac{4}{6} = \frac{2}{\square}$

4

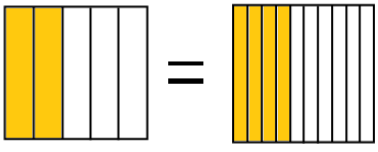
$\frac{\square}{4} = \frac{6}{8}$

5



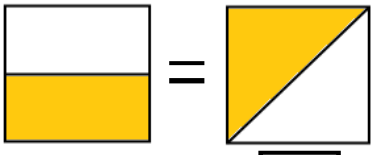
$\frac{8}{\square} = \frac{4}{4}$

6



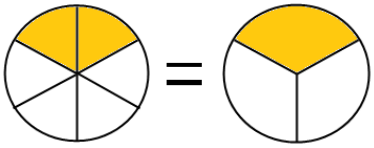
$\frac{2}{5} = \frac{\square}{10}$

7



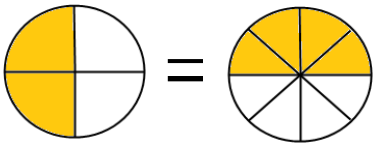
$\frac{1}{2} = \frac{\square}{\square}$

8



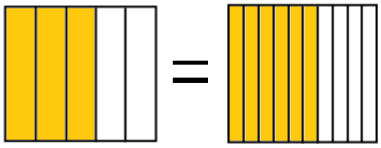
$\frac{2}{6} = \frac{\square}{\square}$

9



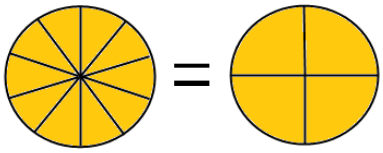
$\frac{\square}{\square} = \frac{4}{8}$

10



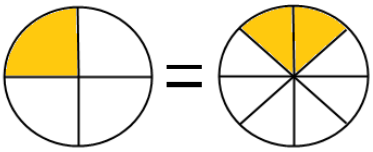
$\frac{\square}{\square} = \frac{\square}{\square}$

11



$\frac{\square}{\square} = \frac{\square}{\square}$

12



$\frac{\square}{\square} = \frac{\square}{\square}$

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Adding Fractions - Level 2

Add the fractions. If your answer is an improper fraction, convert it into a mixed number in simplest form.

$\frac{5}{9} + \frac{6}{3} = \frac{15 + 54}{27} = \frac{69}{27} = 2\frac{15}{27} = 2\frac{5}{9}$

$\frac{7}{8} + \frac{4}{5} =$

$\frac{2}{8} + \frac{9}{3} =$

$\frac{3}{6} + \frac{9}{5} =$

$\frac{3}{6} + \frac{5}{8} =$

$\frac{3}{6} + \frac{9}{2} =$

$\frac{5}{5} + \frac{4}{6} =$

$\frac{3}{8} + \frac{5}{2} =$

$\frac{8}{3} + \frac{4}{2} =$

$\frac{9}{4} + \frac{7}{9} =$

$\frac{2}{8} + \frac{5}{2} =$

$\frac{6}{6} + \frac{6}{4} =$

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Adding Fractions - Level 2

Add the fractions. If your answer is an improper fraction, convert it into a mixed number in simplest form.

$\frac{6}{7} + \frac{6}{4} = \frac{24 + 42}{28} = \frac{66}{28} = 2\frac{10}{28} = 2\frac{5}{14}$

$\frac{2}{7} + \frac{5}{2} =$

$\frac{8}{8} + \frac{4}{7} =$

$\frac{7}{3} + \frac{9}{9} =$

$\frac{6}{2} + \frac{3}{4} =$

$\frac{4}{8} + \frac{2}{4} =$

$\frac{9}{3} + \frac{5}{5} =$

$\frac{7}{4} + \frac{3}{7} =$

$\frac{2}{5} + \frac{3}{2} =$

$\frac{4}{2} + \frac{4}{9} =$

$\frac{8}{8} + \frac{2}{5} =$

$\frac{3}{9} + \frac{3}{9} =$

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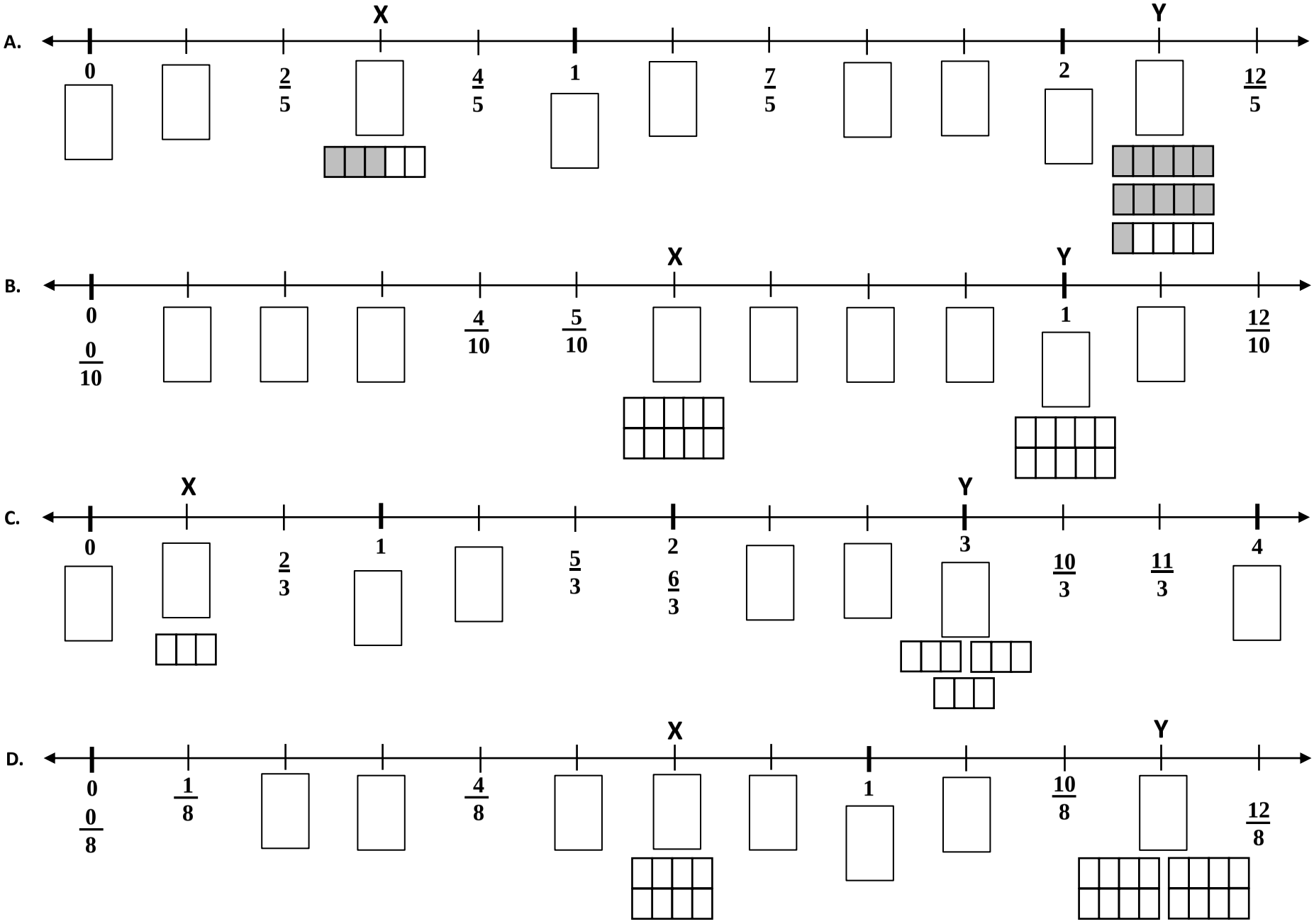
Fractional Number Lines – Proper and Improper Fractions – Level 1C

Directions: **Fill in the missing *proper fractions* or *improper fractions* in each rectangle on the number lines below. Shade the correct number of rectangles on the grid below at points X and Y below EACH number line that represents the proper or improper fraction.**



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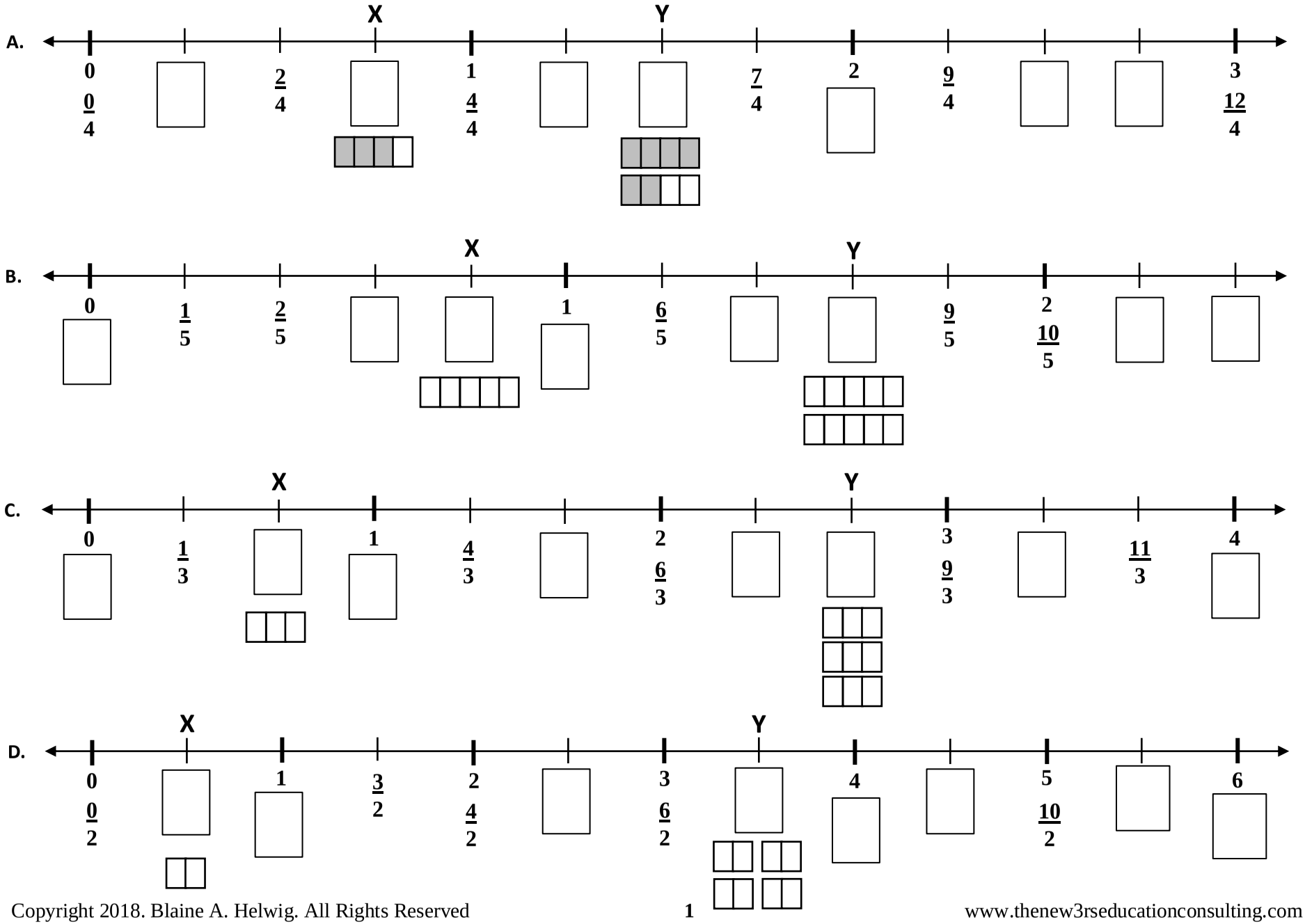
Fractional Number Lines – Proper and Improper Fractions – Level 1A

Directions: **Fill in the missing *proper fractions* or *improper fractions* in each rectangle on the number lines below. Shade the correct number of rectangles on the grid below at points X and Y below EACH number line that represents the proper or improper fraction.**



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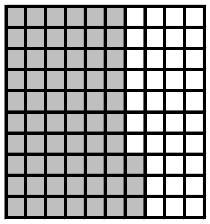
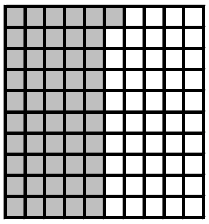
Decimal Fraction Percent Equivalents

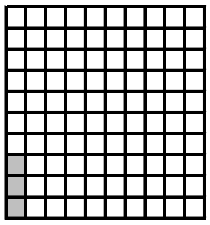
Write the equivalent values for each model.

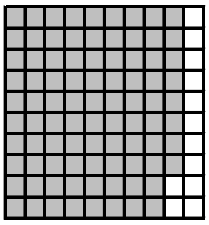


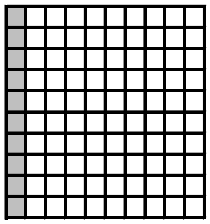
Fraction	Decimal	Percent
$\frac{63}{100}$	0.63	63%

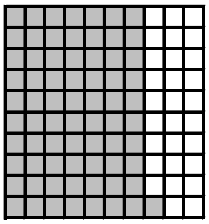


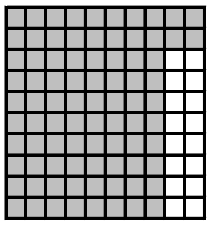
Fraction	Decimal	Percent

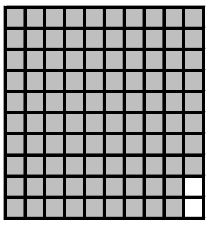


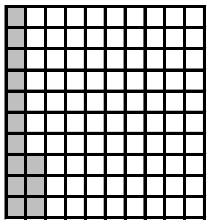


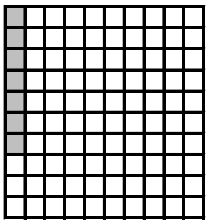


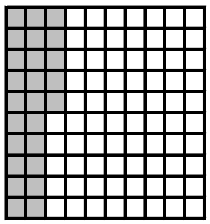


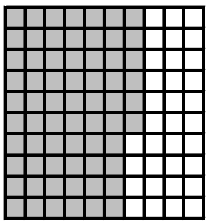


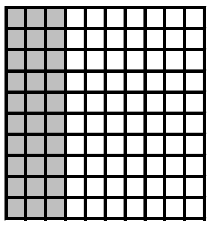


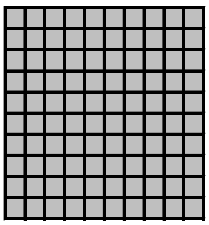












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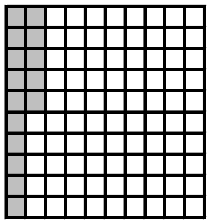
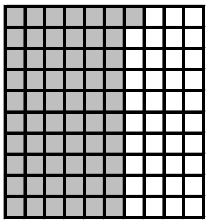
Decimal Fraction Percent Equivalents

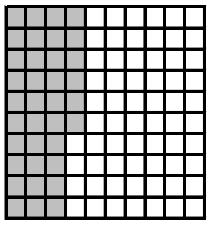
Write the equivalent values for each model.

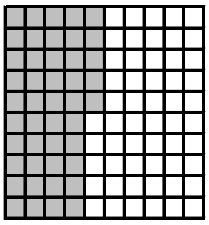


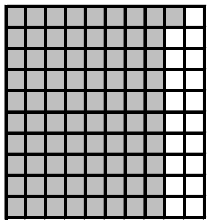
Fraction	Decimal	Percent
$\frac{15}{100}$	0.15	15%

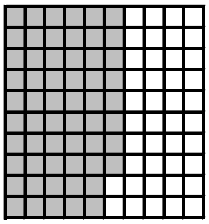


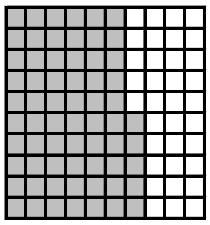
Fraction	Decimal	Percent

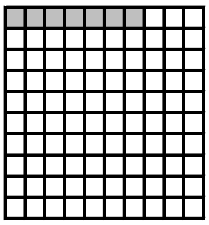


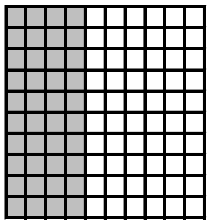


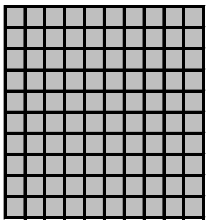


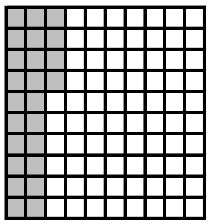


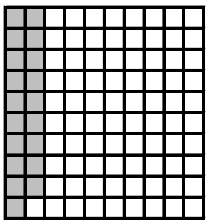


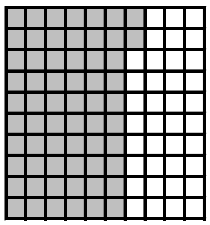


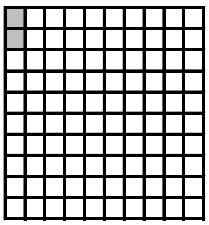












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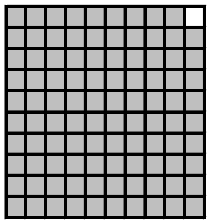
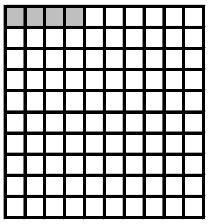
Decimal Fraction Percent Equivalents

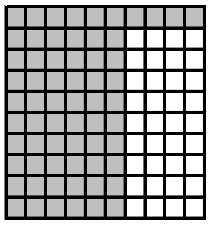
Write the equivalent values for each model.

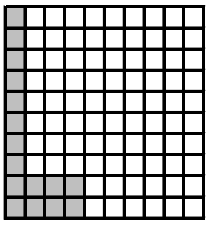


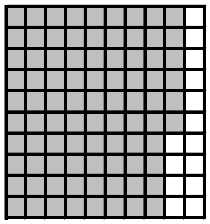
Fraction	Decimal	Percent
$\frac{99}{100}$	0.99	99%

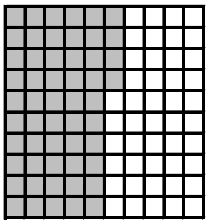


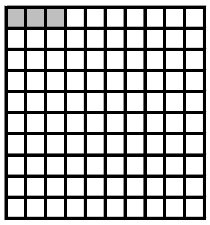
Fraction	Decimal	Percent

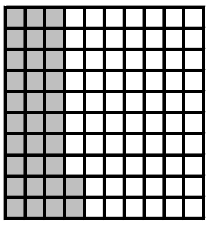


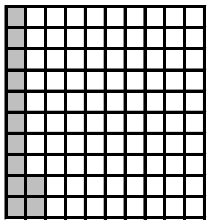


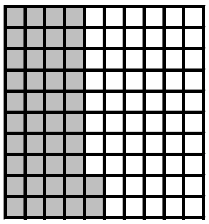


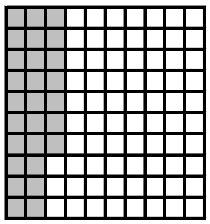


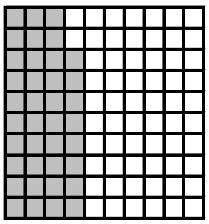


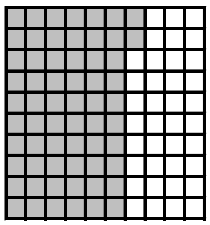


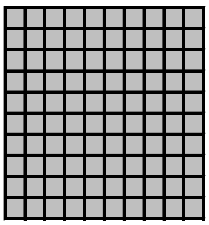












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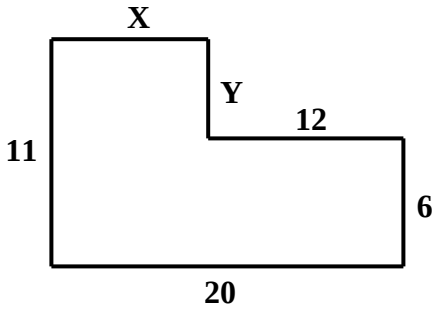
Find the Missing Dimensions: L - Shaped Polygons

Directions: Find the Missing Dimensions (X and Y) on the L – shaped polygons given below. Write the answers on lines to the right of each polygon.

1.

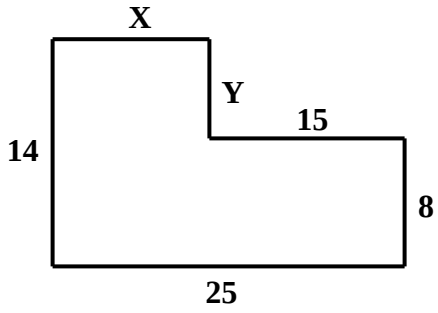


Answers – 1

X = 20 – 12 = **8**

Y = 11 – 6 = **5**

2.

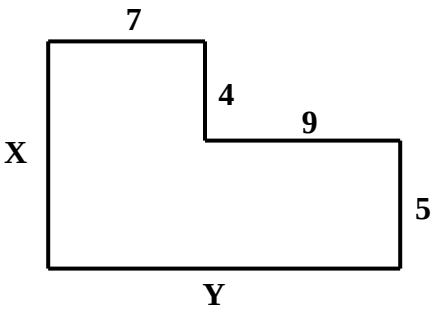


Answers – 2

X = _____

Y = _____

3.

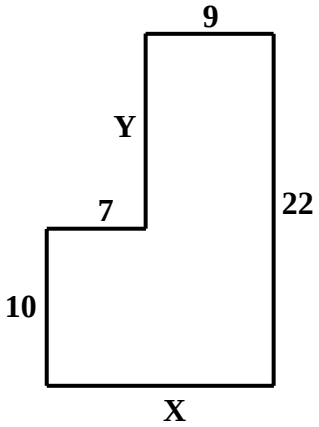


Answers – 3

X = _____

Y = _____

4.

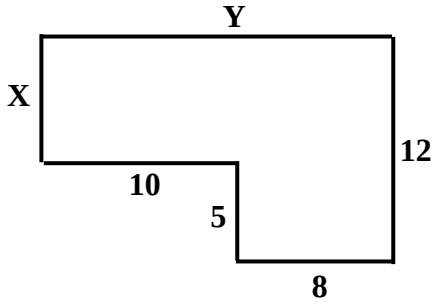


Answers – 4

X = _____

Y = _____

5.

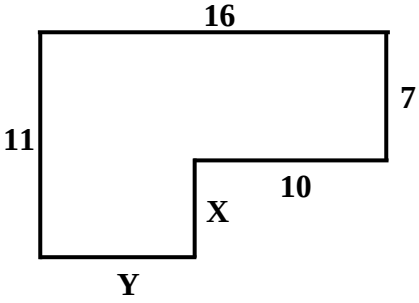


Answers – 5

X = _____

Y = _____

6.

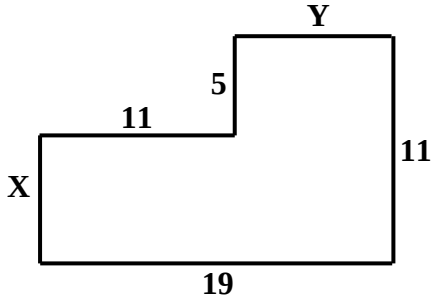


Answers – 6

X = _____

Y = _____

7.

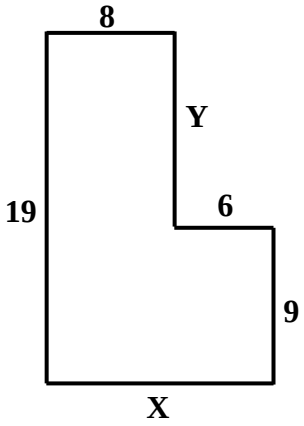


Answers – 7

X = _____

Y = _____

8.



Answers – 8

X = _____

Y = _____

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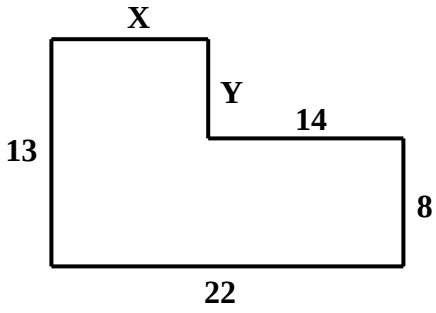
Find the Missing Dimensions: L - Shaped Polygons

Directions: Find the Missing Dimensions (X and Y) on the L – shaped polygons given below. Write the answers on lines to the right of each polygon.

1.

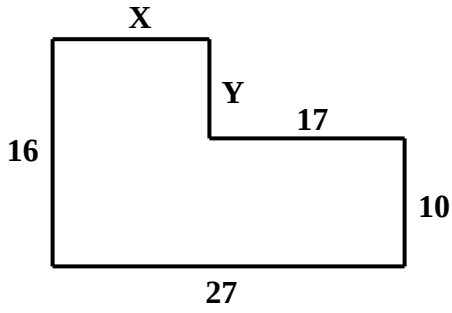


Answers – 1

X = 22 – 14 = **8**

Y = 13 – 8 = **5**

2.

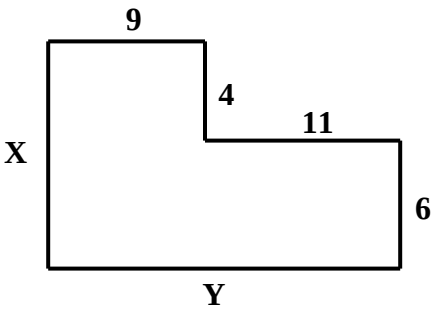


Answers – 2

X = _____

Y = _____

3.

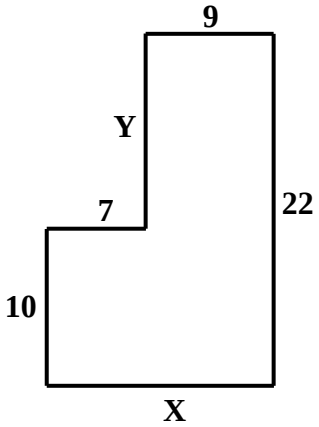


Answers – 3

X = _____

Y = _____

4.

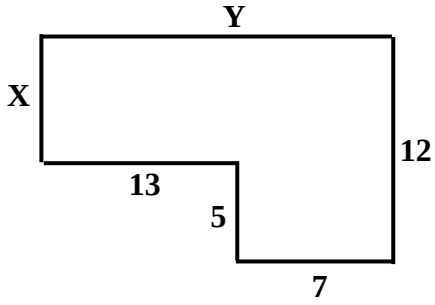


Answers – 4

X = _____

Y = _____

5.

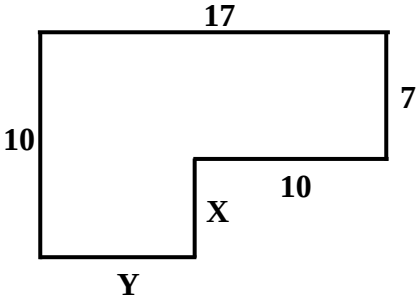


Answers – 5

X = _____

Y = _____

6.

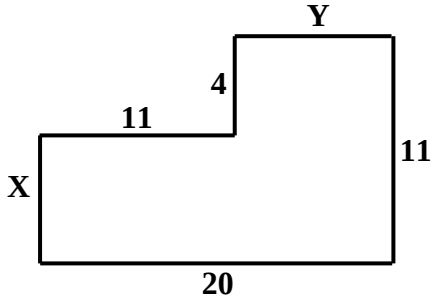


Answers – 6

X = _____

Y = _____

7.

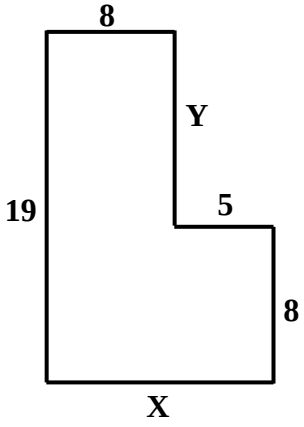


Answers – 7

X = _____

Y = _____

8.



Answers – 8

X = _____

Y = _____

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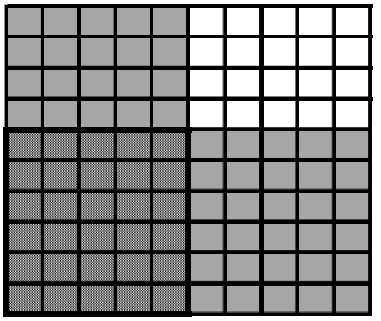
Multiplying Decimals - Grid Model

Multiplying Decimals 1

Write an equation to match each model. Also, express the answer in fraction form. See the first example.

0.6 x 0.5 = 0.30 = $\frac{30}{100}$



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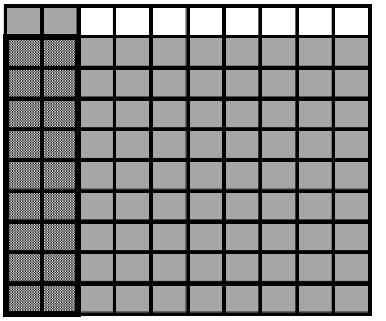
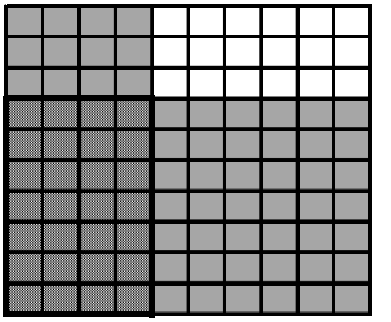
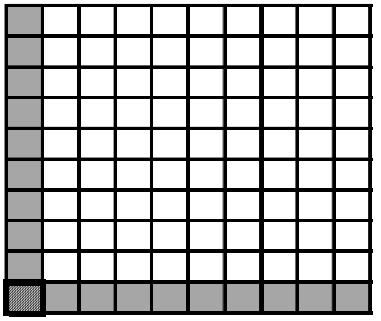


x = =



x = =



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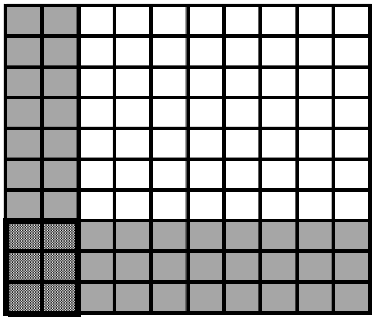

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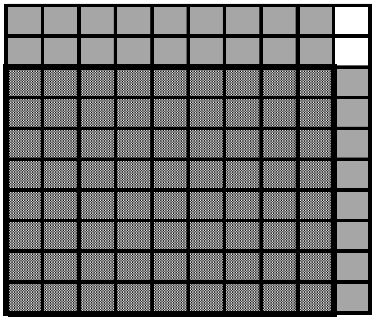

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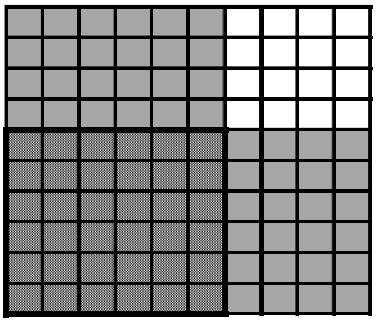

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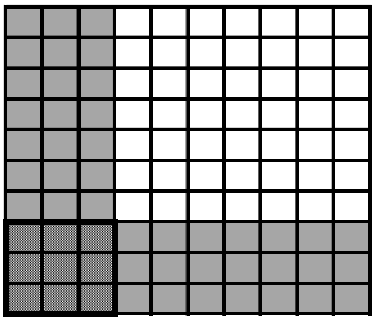

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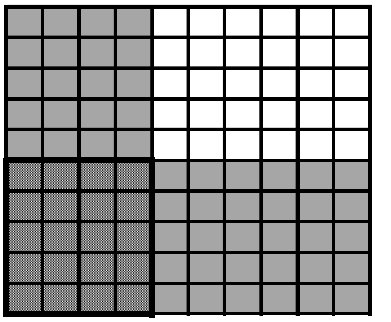

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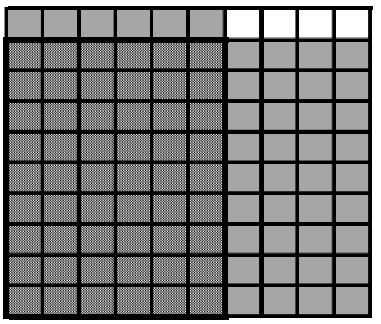

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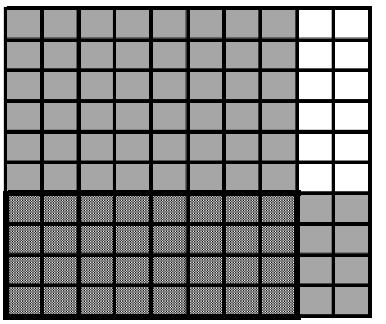

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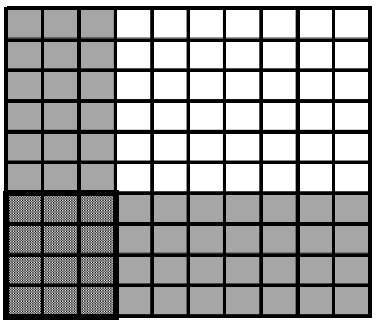

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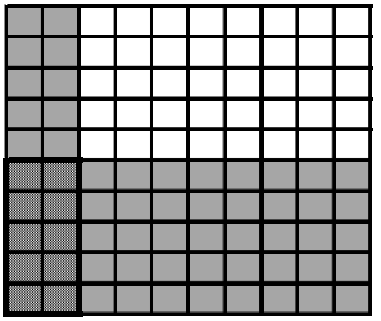
Multiplying Decimals - Grid Model

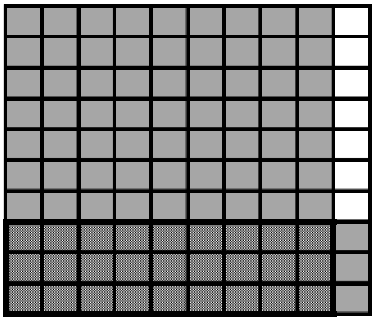
Multiplying Decimals 1

Write an equation to match each model. Also, express the answer in fraction form. See the first example.

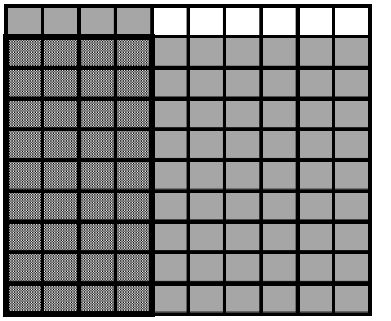
0.5 x 0.2 = 0.10 = $\frac{10}{100}$



x = =



x = =



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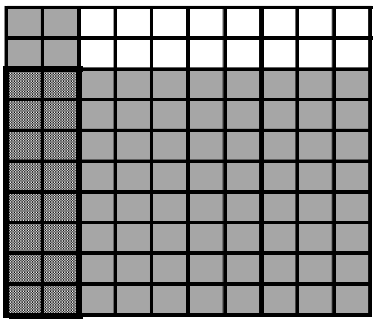

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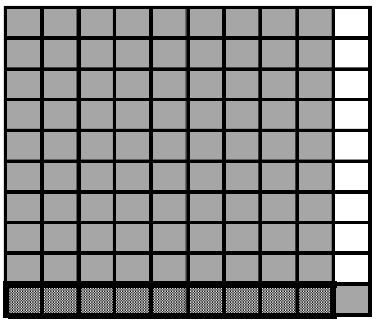

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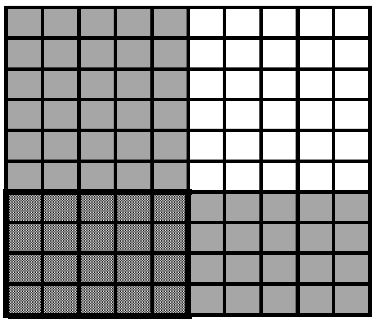
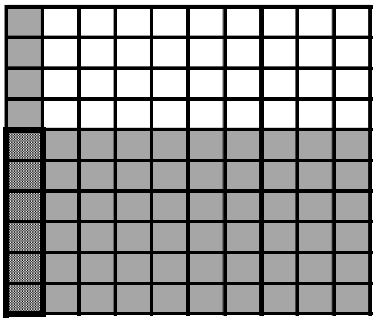


x = =



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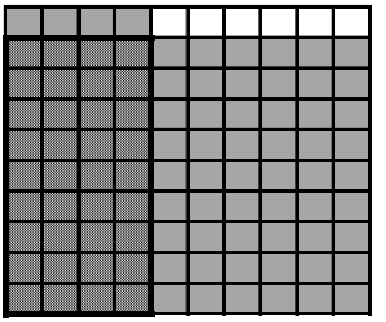

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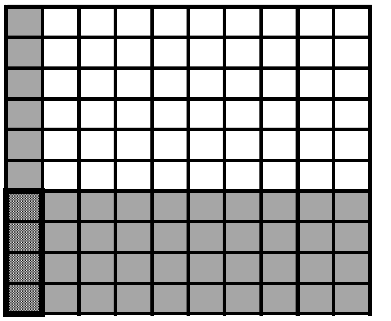

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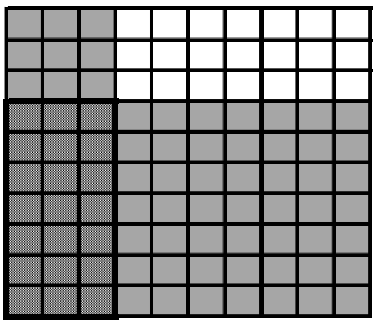

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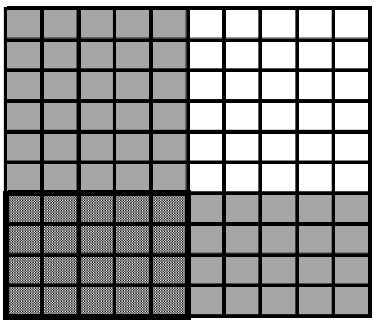

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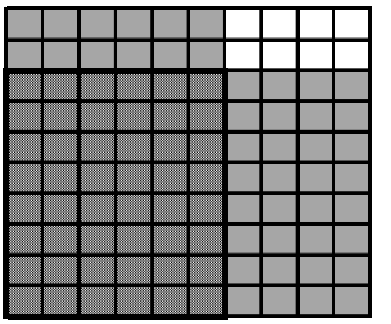

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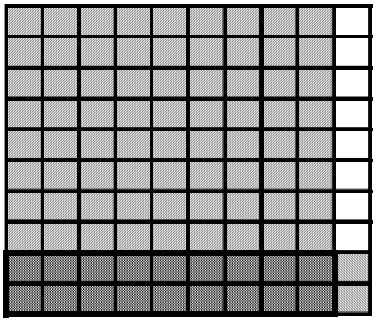
Multiplying Decimals - Grid Model

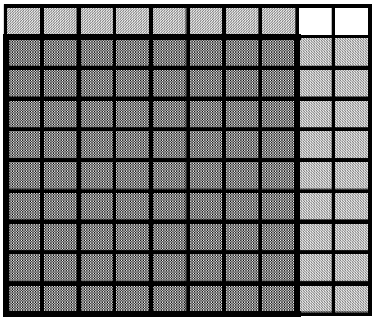
Multiplying Decimals 1

Write an equation to match each model. Also, express the answer in fraction form. See the first example.

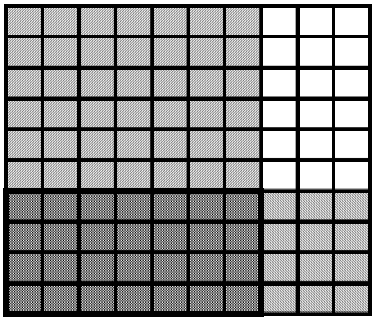
0.2 x 0.9 = 0.18 = $\frac{18}{100}$



x = =



x = =



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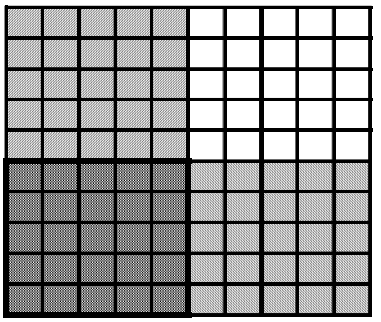

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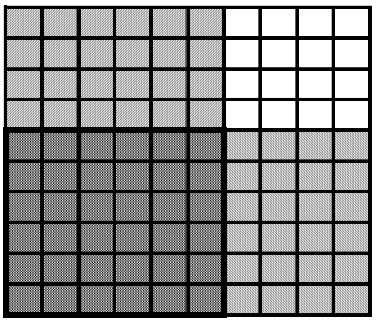

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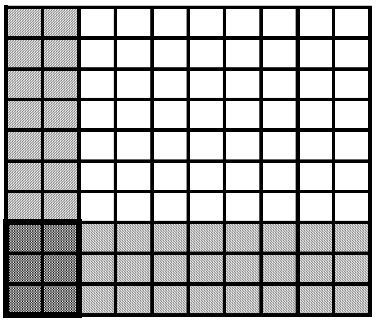
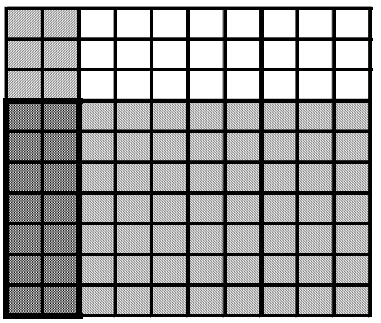


x = =



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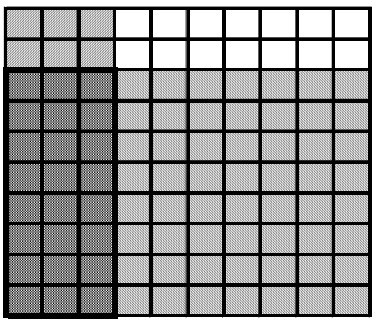

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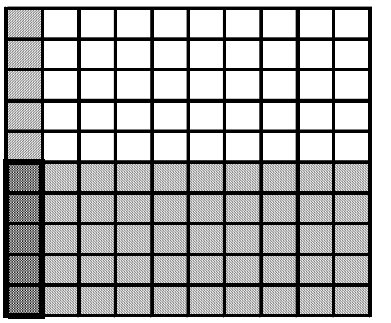

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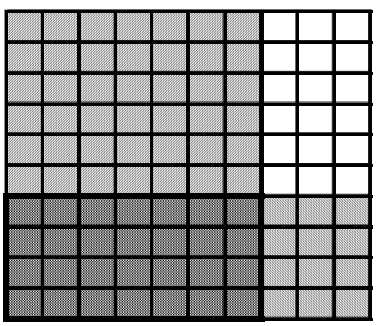

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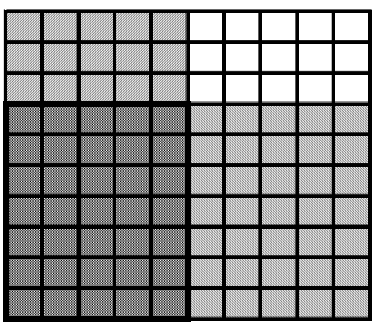

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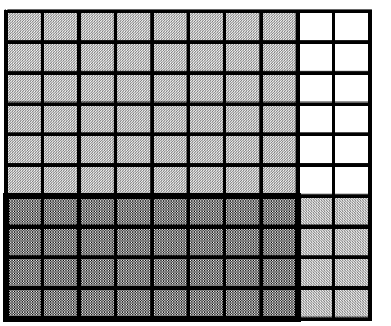

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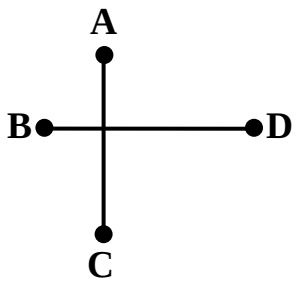
<u>Line Segments:</u> Parallel, Intersecting and Perpendicular

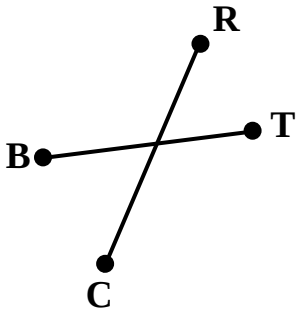
Label each set of line segments on the line provided as: Parallel, Perpendicular or Intersecting

1.

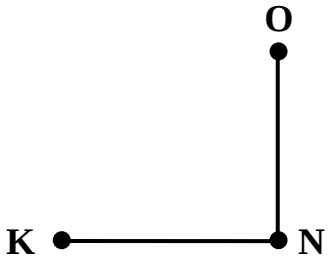


$\overline{AC}$ and $\overline{BD}$ are Perpendicular

2.



3.



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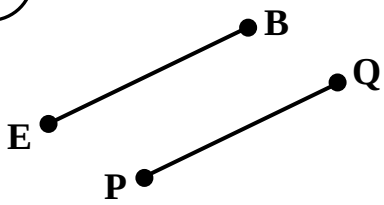

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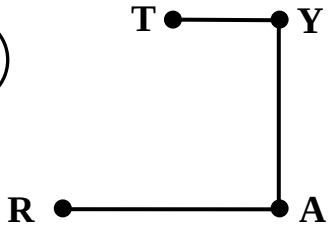
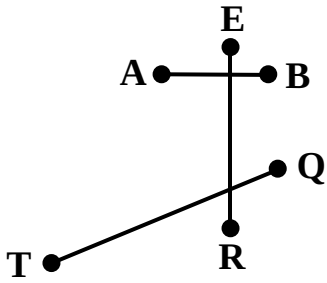
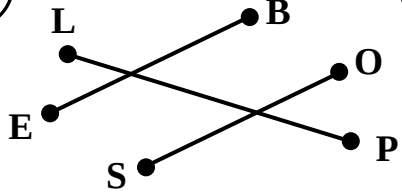


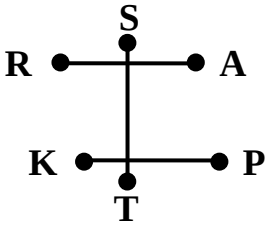
6.



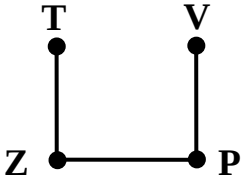
7.



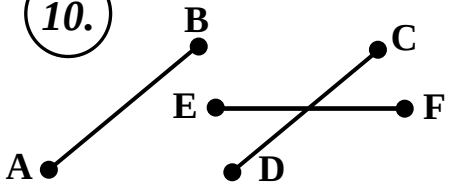
8.



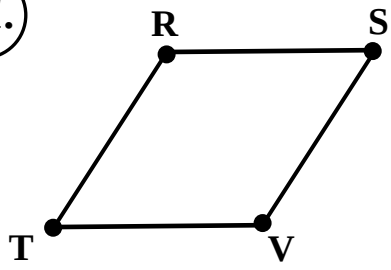
9.



10.



11.



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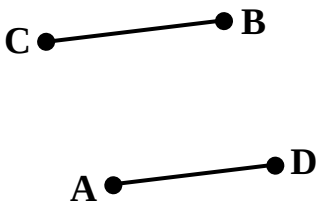
Line Segments: Parallel, Intersecting and Perpendicular

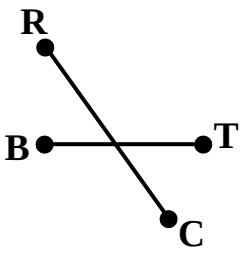
Label each set of line segments on the line provided as: Parallel, Perpendicular or Intersecting

1.

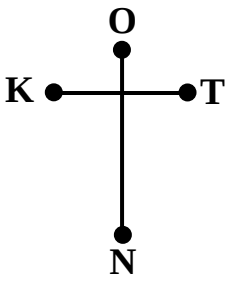


$\overline{AD}$ and $\overline{CB}$ are Parallel

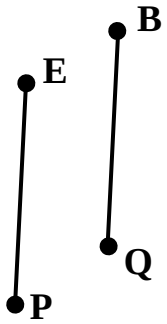
2.



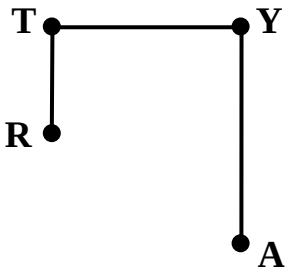
3.



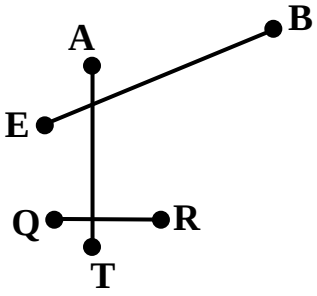
4.



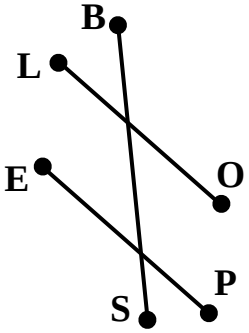
5.



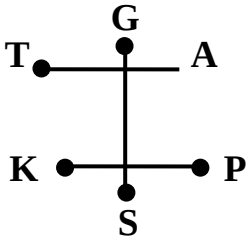
6.



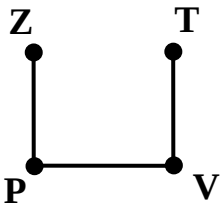
7.



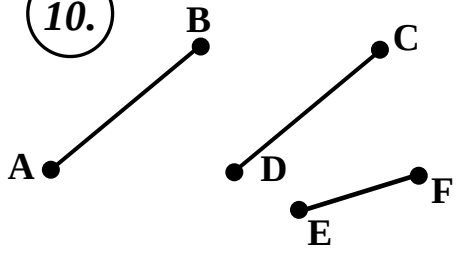
8.



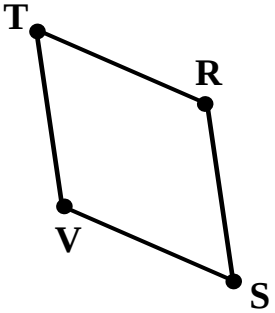
9.



10.



11.



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Making 1 Whole – Level 1

Making 1 Whole Directions: **Fill in each box so the two numbers SUM to a total of 1.00**.

1.00	***0***
0.90	***0.10***
0.80	***0.20***
0.70	***0.30***
0.40	
0.20	
0.70	
0.30	
1.00	
0.90	
0.50	
0.40	
0.60	
0.80	
0.10	
0.90	
0	
0.50	
0.70	
0.60	
0.40	
0.90	
0.80	
0.70	

0.80	
0.40	
0.30	
0.50	
0.20	
0.10	
0.90	
0.30	
0.70	
0.40	
0.50	
0.20	
0.60	
0.80	
0	
0.20	
0.70	
0.30	
1.00	
0.90	
0.40	
0.50	
0.60	
0.90	

0.70	
0.60	
0.80	
0.20	
0.50	
0.10	
0.80	
0.20	
0	
0.30	
0.50	
0.70	
0.60	
0.40	
0.80	
0.10	
1.00	
0.50	
0.30	
0.70	
0.20	
0.60	
0.40	
0.80	

0.60	
0.70	
0.10	
0.40	
1.00	
0.90	
0.20	
0.60	
0.30	
0.80	
0.10	
0.70	
0.50	
0.20	
0	
0.80	
0.20	
0.50	
0.10	
0.70	
0.20	
0.90	
0.20	
0.40	

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Making 1 Whole – Level 1

Making 1 Whole Directions: **Fill in each box so the two numbers SUM to a total of 1.00**.

1.00	***0***
0.70	***0.30***
0.40	***0.60***
0.90	***0.10***
0.30	
0.20	
0.70	
0.80	
1.00	
0.80	
0.50	
0.90	
0.60	
0.70	
0.10	
0.90	
0	
0.50	
0.70	
0.60	
0.40	
0.90	
0.30	
0.70	

0.40	
0.80	
0.50	
0.30	
0.10	
0.20	
0.90	
0.30	
0.70	
0.40	
0.50	
0.20	
0.60	
0.80	
0	
0.20	
0.70	
0.40	
0.50	
0.60	
0.90	

0.60	
0.70	
0.20	
0.80	
0.10	
0.50	
0.80	
0.20	
0	
0.30	
0.50	
0.70	
0.60	
040	
0.80	
0.10	
1.00	
0.50	
0.30	
0.70	
0.20	
0.60	
0.40	
0.80	

0.40	
0.60	
0.70	
0.20	
1.00	
0.90	
0.20	
0.60	
0.40	
0.80	
0.10	
0.70	
0.50	
0.20	
0	
0.80	
0.20	
0.50	
0.10	
0.70	
0.20	
0.90	
0.20	
0.40	

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Making 1 Whole – Level 2

Making 1 Whole – B Directions: **Fill in each box so the two numbers SUM to a total of 1.00.**

ADD UP EXAMPLE: **0.45 → 0.45 to 0.50 is 0.05 → 0.50 to 1.00 is 0.50 → totals 0.05 + 0.50 = 0.55.**

1.00	*0*
0.95	*0.05*
0.75	*0.25*
0.30	*0.70*
0.45	
0.25	
0.70	
0.35	
1.00	
0.95	
0.55	
0.40	
0.65	
0.85	
0.10	
0.95	
0	
0.05	
0.75	
0.60	
0.45	
0.95	
0.80	

0.80	
0.45	
0.30	
0.55	
0.25	
0.10	
0.95	
0.35	
0.75	
0.45	
0.50	
0.25	
0.65	
0.80	
0	
0.25	
0.70	
0.35	
1.00	
0.95	
0.45	
0.50	
0.65	

0.75	
0.65	
0.80	
0.25	
0.55	
0.15	
0.85	
0.25	
0	
0.30	
0.55	
0.75	
0.60	
0.45	
0.85	
0.15	
0.85	
0.50	
0.35	
0.75	
0.20	
0.65	
0.40	

0.65	
0.75	
0.10	
0.45	
1.00	
0.95	
0.65	
0.60	
0.05	
0.85	
0.10	
0.75	
0.50	
0.25	
0	
0.85	
0.25	
0.50	
0.15	
0.70	
0.25	
0.90	
0.25	

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Decimals: Understanding Place Value – LEVEL 3

DIRECTIONS: WRITE the PLACE VALUE of the underlined digit AND ITS VALUE for each decimal in fraction form, decimal form and Base 10.

#	Decimal	Place Value	Value - Fraction	Value - Decimal	Value – Base 10
1.	3.4̲02	tenths	4/10	0.4	4 x 1/10
2.	1.2̲01				
3.	4.32̲				
4.	12.0̲5				
5.	6.821̲				
6.	3.07̲				
7.	4.67̲1				
8.	2.008̲				
9.	3.9̲0				
10.	4.41̲				
11.	5.002̲				
12.	14.5̲93				
13.	3.09̲				
14.	0.7̲5				
15.	0.803̲				
16.	0.004̲				
17.	4.609̲				
18.	0.9̲				
19.	9.139̲				
20.	7.0̲09				

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Decimals: Understanding Place Value – LEVEL 3

DIRECTIONS: WRITE the PLACE VALUE of the underlined digit AND ITS VALUE for each decimal in fraction form, decimal form and Base 10.

#	Decimal	Place Value	Value - Fraction	Value - Decimal	Value – Base 10
1.	2.3̲09	tenths	3/10	0.3	3 x 1/10
2.	4.8̲03				
3.	9.3̲5				
4.	15.0̲8				
5.	0.80̲4				
6.	8.0̲6				
7.	6.9̲30				
8.	3.00̲7				
9.	8.5̲0				
10.	2.4̲3				
11.	7.00̲8				
12.	19.6̲03				
13.	4.0̲7				
14.	0.6̲2				
15.	0.80̲7				
16.	0.00̲8				
17.	4.5̲07				
18.	0.̲8				
19.	2.85̲9				
20.	1.0̲01				

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