Name: _____

What is the rule for each pattern?

7, 7, _____, _____, 29, 17, 40, 22, 51, 27, 62, 32

5, 5, 7, 8, 9, 11, 11, _____, _____, 17, 15, 20

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 5 = 6

2 , 10 = 12

3 , 12 = 15

4 , 17 = 21

Then

5 , 20 = ?

If

8 , 12 = 20

9 , 14 = 23

10 , 17 = 27

11 , 20 = 31

Then

12 , 25 = ?

Name: _____

Vera ate three blini. Baba Nina ate one blini. Mama Katya ate four blini. Papa Jeff ate five blini. How many blini did they eat in all?	Sarah has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?	Mrs. Anderson had 14 needles. She bought 5 more. How many needles does she have now?

Fill in the numbers.

54	55	56	57	58	59
64	65	66	67	68	69
74	75	76	77	78	79
84	85			88	
94		96	97	98	99

		14	
22		24	
32		34	35
	43	44	45
52	53		

24		26
	35	
		46
	55	56
64		

	43	44
	53	
		64

		77		
			88	
95	96			

	32			35
				45
51				55

Which number is odd?	12 + _____ = 18	4 ____ 8
○ 93 ○ 94	○ 6 ○ 9 ○ 7	○ = ○ > ○ <

word root **tract** can mean **pull** **traction, tractor**

Name: _____

Eric has a book of poetry. He has read to page 99 in his book. There are 47 more pages in the book. How many pages are there in all?

Jenna and Anne have a total of 43 fuzzy stickers all together. Anne has 9 stickers less than Jenna. How many stickers does Jenna have?

14 = _____ - 2

_____ = 31 - 13

14 = _____ - 12

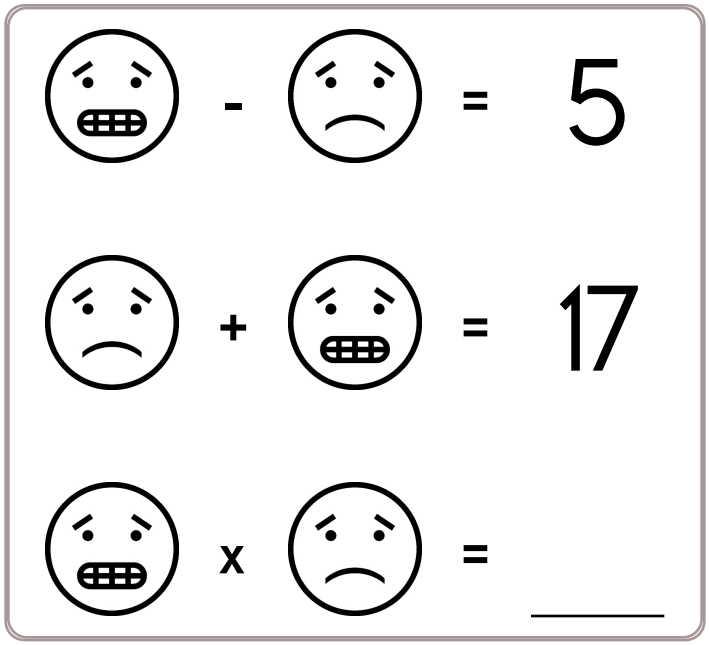
Connor drew a very large square with a blue piece of chalk at the playground. One side is 9 feel long. Connor wants to walk along the square and can only walk on the line. If he wants to walk the square 3 times by only stepping on the line, how many feet will he end up walking?

word root **im** can mean **into or in** **immobility, impose, imposition**

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.

Then write the correct answer!



= _____ = _____

4 before 15 _____	7 after 13 _____	5 before 16 _____
9 before 19 _____	5 after 11 _____	2 before 14 _____
6 before 18 _____	4 after 18 _____	1 before 11 _____
8 before 12 _____	3 after 14 _____	7 before 13 _____
3 before 17 _____	1 after 12 _____	4 before 14 _____
7 before 78 _____	2 after 68 _____	8 before 49 _____
6 before 79 _____	6 after 46 _____	1 before 97 _____
3 before 39 _____	9 after 30 _____	2 before 57 _____
5 before 19 _____	8 after 52 _____	9 before 23 _____

Name: _____

Nathan wrote a story. It was about a polar bear. The bear's name was Philip. Philip liked to fish. He caught four fish every day. How many fish would Philip the Polar Bear catch in six days?

Eight girls blew some bubbles. Three girls each blew 6 bubbles. Five girls each blew 3 bubbles. How many bubbles did they blow in all?

There are six cages. There are three puppies in each cage. How many puppies are there in all?

Fill in the boxes so each line equals 13.

13
☐ x 1
☐ - 1
☐ ÷ 3
(☐ + 6) - ☐

$$\begin{array}{r} 40 \\ 10 \\ +\ 44 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -\ 65 \\ \hline \end{array}$$

Can you think of a five-letter word that has the vowel U in it?

_____

59 - 6 = _____

- ○ mihl
- ○ mill
- ○ mih
- ○ mehl

4 + ☐ = 19

7 + ☐ = 13	17 + ☐ = 35	8 + ☐ = 20	7 + ☐ = 9
6 + ☐ = 16	5 + ☐ = 8	6 + ☐ = 18	5 + ☐ = 11

Name: _____

59 - 7 = _____

$$\begin{array}{r} 12 \\ +\ 26 \\ \hline \end{array}$$

- ○ bear
- ○ bearr
- ○ bea
- ○ baer

When you take six away from me, the answer is seven. What number am I?

_____

Rosa likes poems by Maya Angelou. She read 10 poems on Monday. She read 18 poems on Tuesday. How many poems did she read in all?

Fill in the blanks with these numbers:
2, 5, 3

$$\begin{array}{r} \square\ \square \\ +\ 5\ \ 2 \\ \hline 7\ \square \end{array}$$

Fill in the blanks with these numbers:
1, 1, 3

$$\begin{array}{r} \square\ \square \\ +\ \square\ \ 0 \\ \hline 4\ \ 1 \end{array}$$

Fill in the blanks with these numbers:
2, 1, 9

$$\begin{array}{r} 1\ \ 6 \\ 4\ \square \\ +\ 3\ \square \\ \hline 8\ \square \end{array}$$

Fill in the blanks with these numbers:
2, 3, 2

$$\begin{array}{r} \square\ \ 4 \\ 2\ \square \\ +\ 1\ \square \\ \hline 5\ \ 9 \end{array}$$

$$\begin{array}{r} 99 \\ -\ 91 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -\ 10 \\ \hline \end{array}$$

- 9 + ☐ = 19
- 7 + ☐ = 11
- 9 + ☐ = 20
- 4 + ☐ = 8
- 15 + ☐ = 17

$$\begin{array}{r} 51 \\ +\ 21 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ +\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ +\ 11 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ +\ 46 \\ \hline \end{array}$$

- ○ alane
- ○ aloni
- ○ alone
- ○ alonee

word root **ab** can mean **away** **abnormal, abrupt**

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

5	3

3					4
		4			
	6				2
			5	4	
6	2			1	

$$\begin{array}{r} 82 \\ -\ 41 \\ \hline \end{array}$$

Count by 8s.

8 , 16 , 24 , ____ , ____ , ____ , ____ , ____ , ____ , ____

Draw ONE continuous line that touches every box ONCE.
Count by 8s. Find the box with the number 8. Move up, down, right, or left.
Keep counting until you reach 152. Do not move into a spot with a ghost.

			40			144
				8	16	152

Name: _____

1,230 - 757	660 + 240	150 + 527	1,063 - 220	949 - 635
189 + 749	435 + 538	819 + 622	927 + 531	1,354 - 910
923 - 684	1,069 - 646	964 + 638	846 - 323	495 + 778
1,275 - 676	1,132 - 215	538 + 291	313 + 864	491 - 269
1,479 - 720	813 + 668	1,872 - 888	886 + 537	877 + 772
199 + 645	1,969 - 978	1,365 - 446	1,718 - 945	863 + 488
1,376 - 437	1,239 - 679	290 + 840	284 + 375	1,285 - 506

5
+ 2
= ☐

+ 8
= ☐

+ 8
= ☐

23
+ ☐
= ☐

30
- ☐
= ☐

25
+ ☐
= ☐

29
- 7
= ☐

- 8
= ☐

+ 4
= ☐

18
+ ☐
= ☐

24
+ 8
= ☐

Name: _____

16 - 6 = _____

17 - 3 = _____

$$\begin{array}{r} 4 \\ +\ 15 \\ \hline \square \end{array}$$

$$\begin{array}{r} \square \\ -\ 15 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 22 \\ -\ 9 \end{array} \qquad \begin{array}{r} 12 \\ -\ 6 \end{array} \qquad \begin{array}{r} 8 \\ -\ 6 \end{array}$$

Continue the pattern.

19 22 25 28 31 _____ _____

_____ _____ _____ _____ _____

$$\begin{array}{r} 3 \\ +\ 4 \end{array} \qquad \begin{array}{r} 12 \\ +\ 15 \end{array} \qquad \begin{array}{r} 7 \\ +\ 2 \end{array}$$

9 + 4 + 8 = _____

$$\begin{array}{r} 58 \\ -\ 35 \\ \hline \square \end{array}$$

$$\begin{array}{r} 35 \\ +\ \square \\ \hline 58 \end{array}$$

~~7~~ 6 ~~8~~ 4 10 27 17 7 15 21 8 3

2 + 7 = 9

□ + □ = 21

□ + 3 = □

10 + □ = □

18 + □ = □

□ + □ = 12

Kevin read 127 limericks. Peter read 110 limericks. How many limericks did they read in all?

Miss Brown made 53 ice cream cones. Of that number, 35 were chocolate. How many cones were not chocolate?

You ask Pam for the time. She says it is four minutes past six. Write the time on your digital clock:

□ : □

Write the correct symbol.

< = >

9,614 ◯ 9,624

Name: _____

$$\begin{array}{r} 6 \\ +\ 12 \\ \hline \square \end{array}$$

$$\begin{array}{r} \square \\ -\ 12 \\ \hline 6 \end{array}$$

Circle each equal to 20.

9 + 16	7 + 4	14 + 6
19 + 11	5 + 15	15 + 10

88 + 7 = _____

11 + 88 = _____

Count by ones. Fill in the missing numbers.

_____	252	_____
156	157	_____
_____	283	_____

4 + 9 = _____

_____ - 9 = 4

13 - 5 = _____

5 + _____ = 13

Fill in the missing numbers to complete the addition square.
For example in the first row: 9 + 1 + 3 = 13

Hint - Use these numbers: 1, 3, 4, 7, and 8

9			13
	2		13
	6	5	19
21	9	15	16

Hint - Use these numbers: 1, 2, 3, 4, 7, and 9

		6	9
5			15
8			21
15	17	13	13

6 + ☐ = 11

16 + ☐ = 34

10 + ☐ = 16

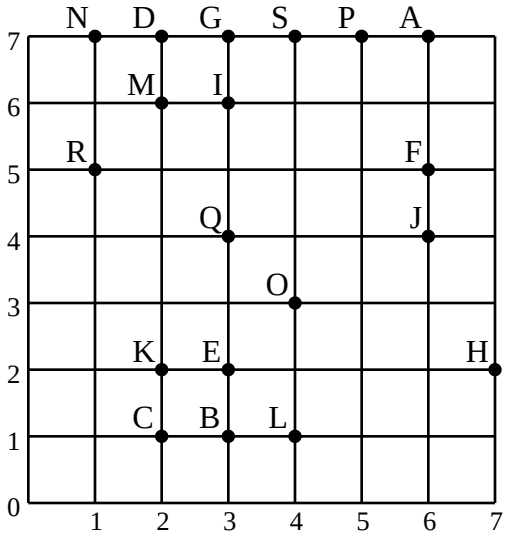
12 + ☐ = 14

Name: _____

4 × 9	2 × 5	8 × 7	6 × 3	5 × 2	8 × 9	7 × 6
3 × 4	6 × 8	2 × 7	9 × 4	5 × 3	5 × 7	3 × 2
6 × 4	9 × 8	7 × 6	8 × 5	4 × 2	9 × 3	5 × 6
3 × 2	7 × 9	4 × 8	2 × 6	9 × 3	4 × 7	5 × 8
3 × 2	8 × 7	6 × 4	5 × 9	4 × 9	2 × 6	8 × 3
7 × 5	7 × 5	9 × 8	2 × 6	3 × 4	2 × 7	5 × 8

Name: _____

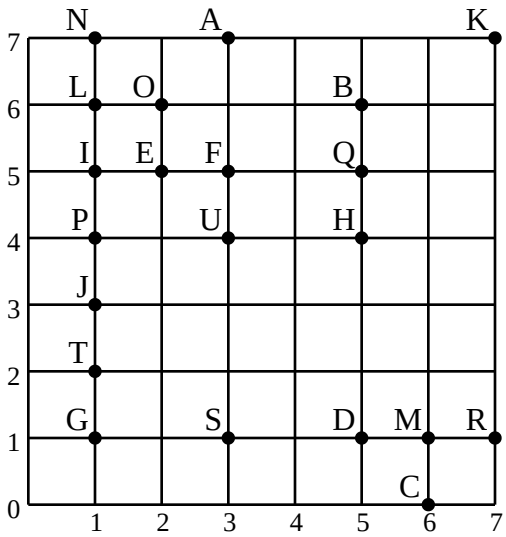
Write a line segment that has the given distance (in units). If there is more than one answer then write only one line segment.



3 units $\overline{JQ}$ _____ 1 unit _____ 2 units _____

4 units _____ 5 units _____

Draw a new line segment UW that is the same length as line segment KD.
You will need to plot the points U and W on the chart.

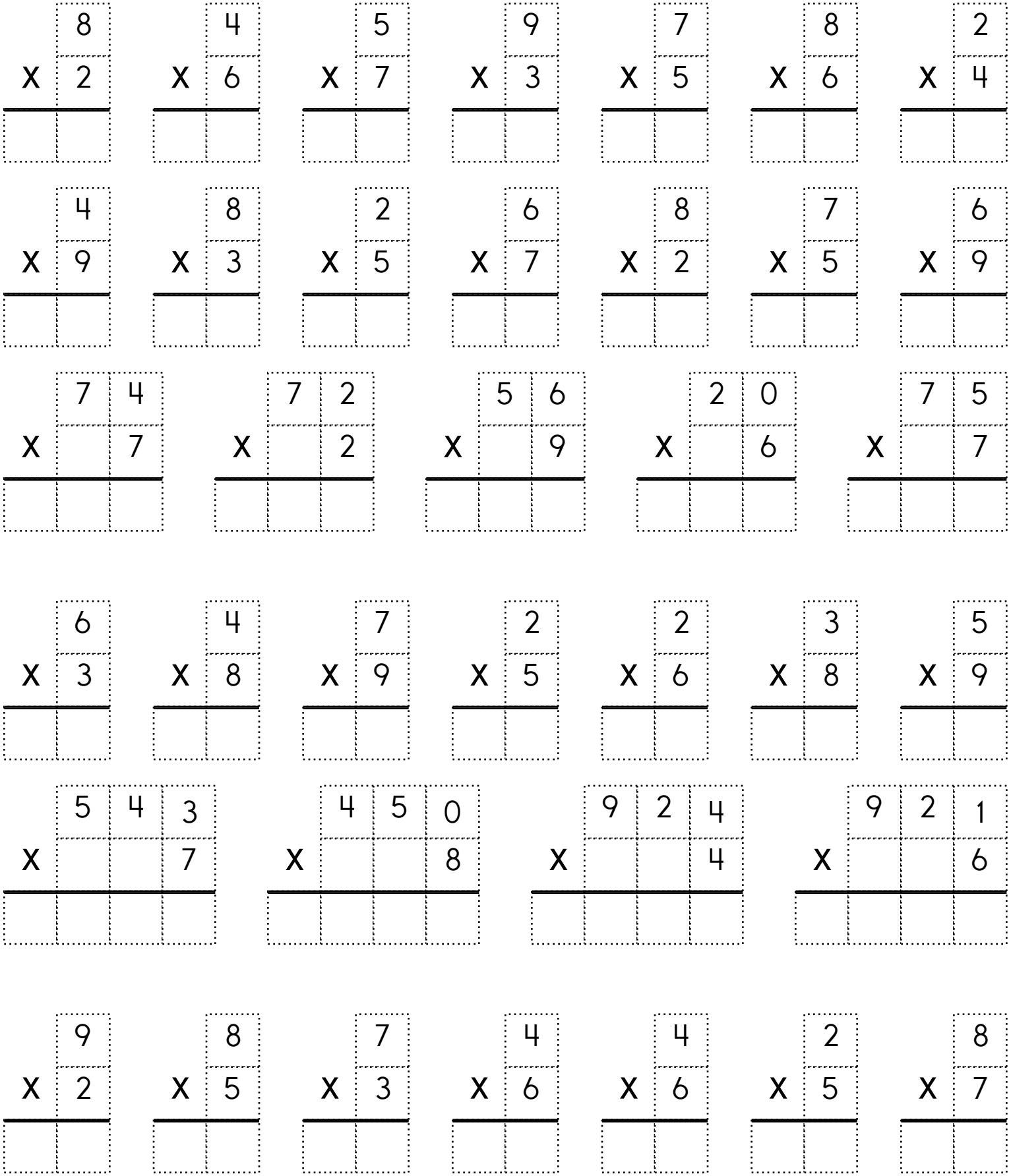


6 units $\overline{RK}$ _____ 2 units _____ 1 unit _____

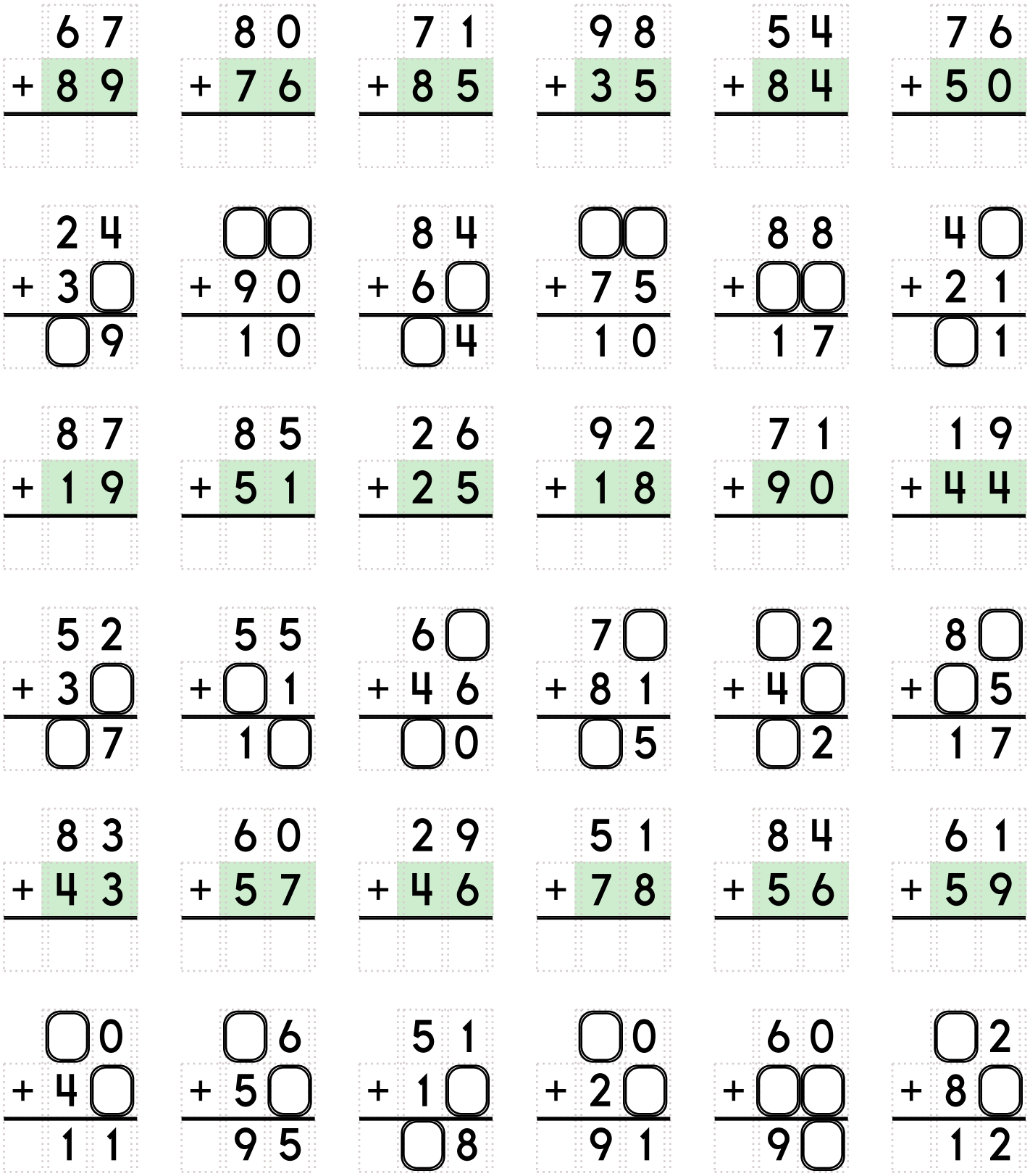
5 units _____ 4 units _____ 3 units _____

Draw a new line segment WY that is the same length as line segment IT.
You will need to plot the points W and Y on the chart.

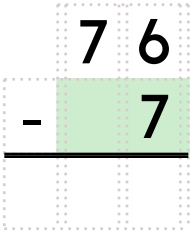
Name: _____


8 X 2
4 X 6
5 X 7
9 X 3
7 X 5
8 X 6
2 X 4
4 X 9
8 X 3
2 X 5
6 X 7
8 X 2
7 X 5
6 X 9
7 4 X 7
7 2 X 2
5 6 X 9
2 0 X 6
7 5 X 7
6 X 3
4 X 8
7 X 9
2 X 5
2 X 6
3 X 8
5 X 9
5 4 3 X 7
4 5 0 X 8
9 2 4 X 4
9 2 1 X 6
9 X 2
8 X 5
7 X 3
4 X 6
4 X 6
2 X 5
8 X 7

Name: _____


67 + 89
80 + 76
71 + 85
98 + 35
54 + 84
76 + 50
24 + 3□ = □9
□□ + 90 = 10
84 + 6□ = □4
□□ + 75 = 10
88 + □□ = 17
4□ + 21 = □1
87 + 19
85 + 51
26 + 25
92 + 18
71 + 90
19 + 44
52 + 3□ = □7
55 + □1 = 1□
6□ + 46 = □0
7□ + 81 = □5
□2 + 4□ = □2
8□ + □5 = 17
83 + 43
60 + 57
29 + 46
51 + 78
84 + 56
61 + 59
□0 + 4□ = 11
□6 + 5□ = 95
51 + 1□ = □8
□0 + 2□ = 91
60 + □□ = 9□
□2 + 8□ = 12

Name: _____

double 400	6 less than 756	7 - 5 + 2 + 5 - 4
68, _____, 102, 119, 136, 153, 170, 187, 204	Make your own equation. ___ + 6 = ___	How many hours are there from 6 a.m. to 4 p.m.?
A teacher arranges desks. She puts 5 desks in each row. There are 4 rows. How many desks are there?	If you know 87 + 23 = 110 Then what is 87 + 20?	The party is at 4 p.m. In only 12 minutes the party starts. What time is it right now?
Find a clock. What time is it right now?	7, 9, _____, 13, 15, 17	2 more than 562
Circle the number that is smallest. 80,080 80,800 88,000 80,008	Round 52 to the nearest 10.	

Name: _____

hood • simple • alarms • labels

Each row, column, and box must have all the words from the word list. Write in the missing words.

	alarms		**hood**
labels			
		alarms	**simple**

Write the final part of each math analogy.

two thirds of twelve : 8 :: two thirds of six : _____

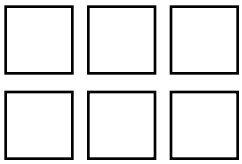
Explain why you think your answer is correct.

12 groups of 6 : 9 groups of 8 :: 10 groups of 6 : _____

Explain why you think your answer is correct.

$$\begin{array}{r} 33 \\ +\ 10 \\ \hline \end{array} \qquad \begin{array}{r} 27 \\ +\ 31 \\ \hline \end{array} \qquad \begin{array}{r} 17 \\ +\ 71 \\ \hline \end{array} \qquad \begin{array}{r} 70 \\ +\ 24 \\ \hline \end{array}$$

Color in $\frac{1}{2}$.



61 + 4 = _____

4 + ☐ = 7

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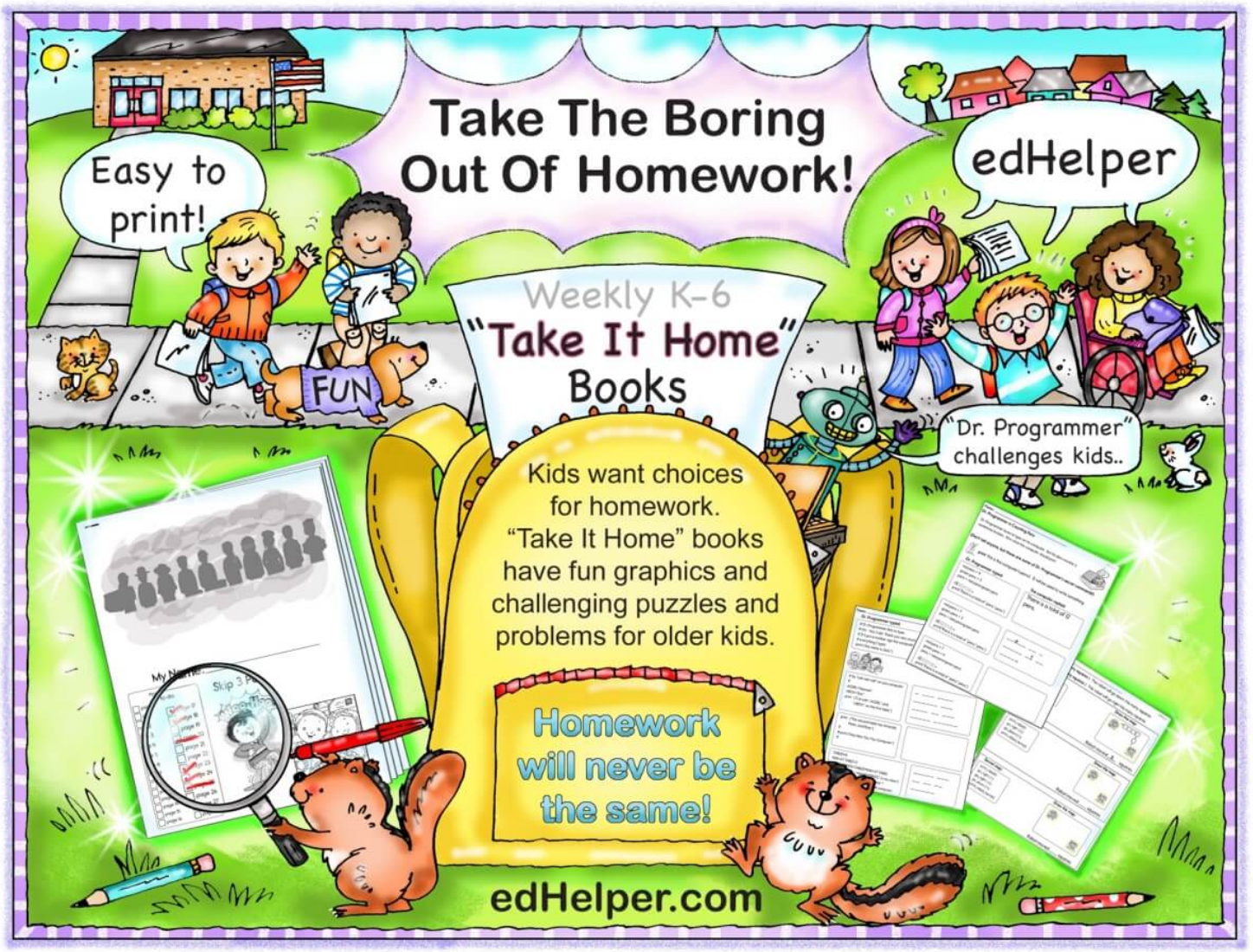
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