

Name: \_\_\_\_\_

Complete each pattern, using the same rule. Write what the rule is.

E, \_\_\_\_, \_\_\_\_, T, Y

B, \_\_\_\_, L, \_\_\_\_, \_\_\_\_

Complete each pattern, using the same rule. Write what the rule is.

82, \_\_\_\_, \_\_\_\_, 61, 54, 47

118, 111, 104, 97, 90, \_\_\_\_, \_\_\_\_, 69, 62, \_\_\_\_

94, \_\_\_\_, 80, \_\_\_\_, \_\_\_\_, 59

\_\_\_\_, \_\_\_\_, 61, 54, 47, \_\_\_\_



Name: \_\_\_\_\_

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

\_\_\_\_\_  
the number ten greater  
than 84

\_\_\_\_\_  
the number ten greater  
than 80

\_\_\_\_\_  
58 ones

\_\_\_\_\_  
30 ones

\_\_\_\_\_  
62 tens

\_\_\_\_\_  
three thousands and four  
hundreds

\_\_\_\_\_  
11 tens

\_\_\_\_\_  
the number ten greater  
than 84

\_\_\_\_\_  
the number ten greater  
than 27

\_\_\_\_\_  
four hundreds and six tens

\_\_\_\_\_  
the number one hundred  
greater than 305

\_\_\_\_\_  
21 hundreds

\_\_\_\_\_  
nine hundreds and three  
tens

\_\_\_\_\_  
five hundreds and nine tens

\_\_\_\_\_  
75 ones

\_\_\_\_\_  
six thousands and five tens

\_\_\_\_\_  
the number one thousand  
greater than 1814

\_\_\_\_\_  
two thousands and eight  
hundreds

\_\_\_\_\_  
the number ten greater  
than 24

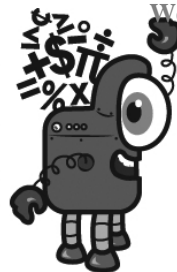
\_\_\_\_\_  
the number ten greater  
than 48

\_\_\_\_\_  
83 ones

Name: \_\_\_\_\_

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 4 in your head

add 1

Write the number.

\_\_\_\_\_ A

imagine 6 in your head

add 4

add 9

Write the number.

\_\_\_\_\_ B \_\_\_\_\_ C

imagine 5 in your head

add 3

double it

Write the number.

\_\_\_\_\_ D \_\_\_\_\_ E

imagine 4 in your head

add 5

subtract 5

add 9

Write the number.

\_\_\_\_\_ F \_\_\_\_\_ G

What is the sum?

$A + B + C + D + E + F + G$

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ n \_\_\_\_\_ t \_\_\_\_\_ - \_\_\_\_\_ x

4 after 16 \_\_\_\_\_

9 before 15 \_\_\_\_\_

7 before 13 \_\_\_\_\_

5 after 15 \_\_\_\_\_

2 before 19 \_\_\_\_\_

5 before 17 \_\_\_\_\_

3 after 18 \_\_\_\_\_

3 before 12 \_\_\_\_\_

8 before 14 \_\_\_\_\_

6 after 19 \_\_\_\_\_

6 before 18 \_\_\_\_\_

1 before 11 \_\_\_\_\_

Name: \_\_\_\_\_

Tim has 16 toy cars. He gave 5 cars to Jim. How many cars does Tim have left?

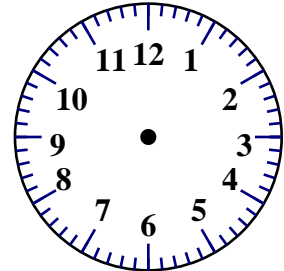
There were some marshmallows in the bag. Kevin ate 7. David ate 4. There are 13 marshmallows left. How many marshmallows were in the bag before Kevin and David ate some?

Erin has twelve cousins. Five of them live in a big city. How many of her cousins do not live in a big city?



Write this number using words.

01:30



It is 17 days until Best Friends Day. It is 20 days until Hug Holiday. On the day of Best Friends Day, how many days will you need to wait until it is Hug Holiday?

$$\begin{array}{r} 66 \\ - 65 \\ \hline \end{array}$$

When you take 5 away from me, the answer is 7. What number am I?

\_\_\_\_\_

$$\begin{array}{r} 48 \\ - 20 \\ \hline \end{array}$$

thirty-three

☐ 31    ☐ 38    ☐ 33

8 \_\_\_\_ 0

☐ >    ☐ <    ☐ =

2 pennies 4 nickels

☐ 22¢    ☐ 14¢    ☐ 12¢



Name: \_\_\_\_\_

$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$$\frac{\boxed{\phantom{00}}}{4} = \frac{2}{8}$$

$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

$$\frac{1}{2} = \frac{\boxed{\phantom{00}}}{8}$$

$\frac{1}{3}$	
$\frac{1}{6}$	

$$\frac{\boxed{\phantom{00}}}{3} = \frac{2}{6}$$

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

$$\frac{\boxed{\phantom{00}}}{4} = \frac{1}{2}$$

$\frac{1}{9}$	
$\frac{1}{3}$	

$$\frac{3}{9} = \frac{\boxed{\phantom{00}}}{3}$$

$\frac{1}{6}$	
$\frac{1}{2}$	

$$\frac{3}{6} = \frac{\boxed{\phantom{00}}}{2}$$

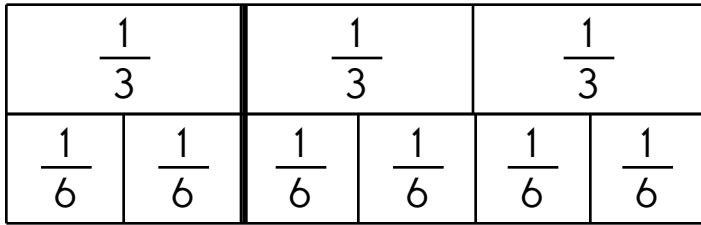
$\frac{1}{5}$	
$\frac{1}{10}$	

$$\frac{\boxed{\phantom{00}}}{5} = \frac{2}{10}$$

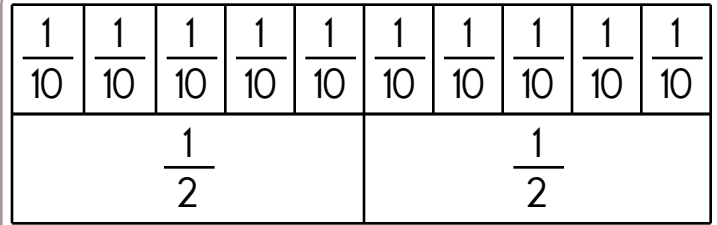
$\frac{1}{2}$	
$\frac{1}{10}$	

$$\frac{\boxed{\phantom{00}}}{2} = \frac{\boxed{\phantom{00}}}{10}$$

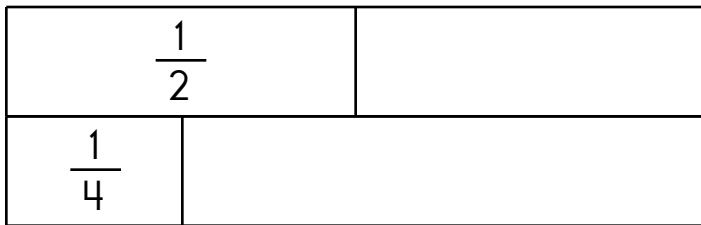
Name: \_\_\_\_\_



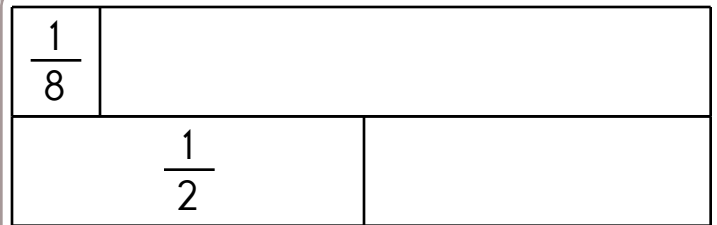
$$\frac{\boxed{\phantom{00}}}{3} = \frac{2}{6}$$



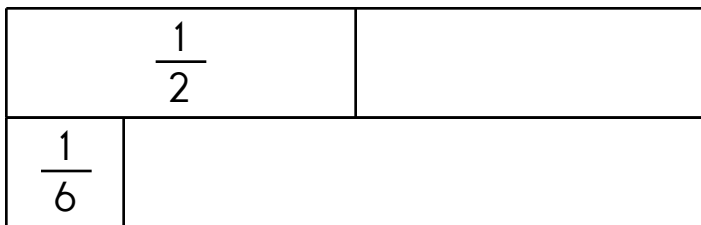
$$\frac{5}{10} = \frac{\boxed{\phantom{00}}}{2}$$



$$\frac{\boxed{\phantom{00}}}{2} = \frac{2}{4}$$



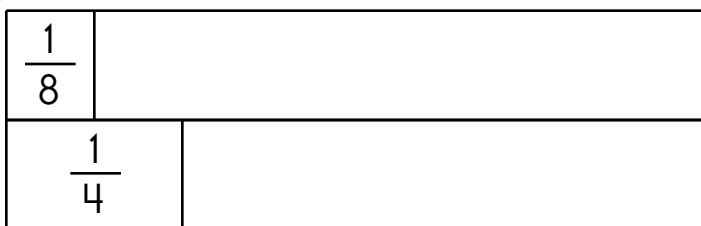
$$\frac{\boxed{\phantom{00}}}{8} = \frac{1}{2}$$



$$\frac{1}{2} = \frac{\boxed{\phantom{00}}}{6}$$



$$\frac{\boxed{\phantom{00}}}{10} = \frac{1}{5}$$



$$\frac{2}{8} = \frac{\boxed{\phantom{00}}}{4}$$



$$\frac{\boxed{\phantom{00}}}{3} = \frac{\boxed{\phantom{00}}}{9}$$

Name: \_\_\_\_\_

Write four words to describe this frog.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

Use one or more of these words also:

green

hopping

warm

cool

jumpy

content

Write a sentence to describe the picture.

Use some of the above words.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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Write the words into the boxes.

slick • yellow • trade • spoon • nobody • three • bright • stuck  
sting

--	--	--	--	--	--

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--	--	--	--	--	--

Name: \_\_\_\_\_

Get your ruler. Draw a line using your ruler that is 2 inches long.	500+2+40	$\begin{array}{r} 46 \\ + 76 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ + 61 \\ \hline \end{array}$



Write <b>sw</b> or <b>ch</b> to complete each word.  _____ore      _____ing _____at      _____oke	ten less than 783	$\begin{array}{r} 31 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ - 17 \\ \hline \end{array}$

Circle the two numbers that make 18.	10      2      8	8      13      5	$\begin{array}{r} 28 \\ - 21 \\ \hline \end{array}$	100 more than 619
	16      2      7      12	3      15      2      12		
	16      11      7      10	5      4      6      12		
	4      9      6      7      9	17      13      4      14      16		

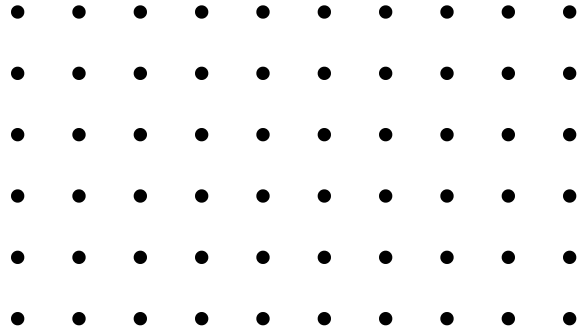
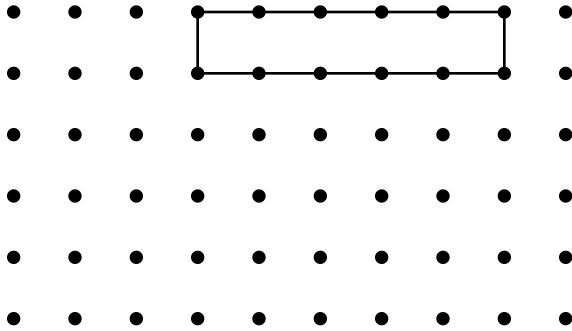
Kevin trusted his brother not to tell his mom that he fell into four mud puddles and two water puddles. How many puddles did he fall into?	 _____ : _____	What day comes after Tuesday? _____
		Six is an odd number. true      false

87 - 70 = _____	65 - 26 = _____	900+4+80	$\begin{array}{r} 69 \\ - 66 \\ \hline \end{array}$
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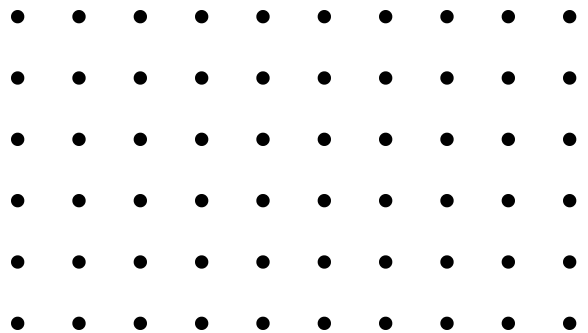
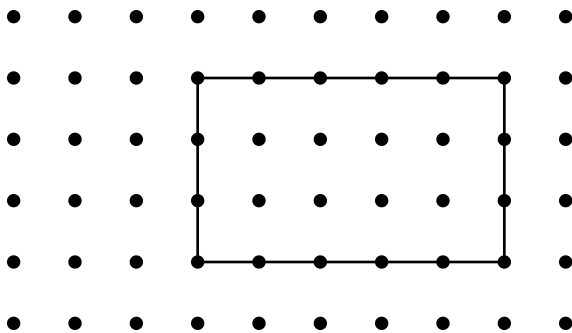


Name: \_\_\_\_\_

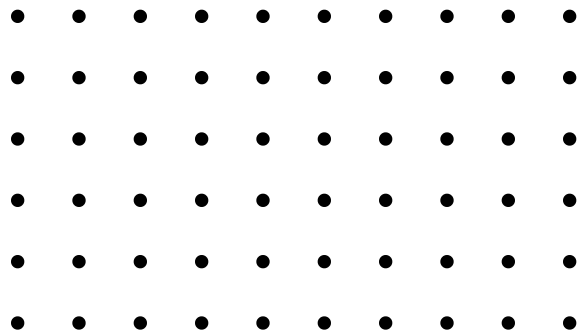
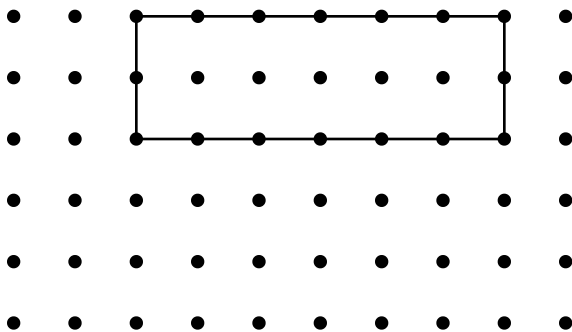
Draw a slide of the shape by moving the shape 3 dots to the left and 3 dots down.



Draw a slide of the shape by moving the shape 3 dots to the left and 1 dot up.



Draw a slide of the shape by moving the shape 2 dots to the left and 2 dots down.



Name: \_\_\_\_\_

$$\begin{array}{r} 48 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 6 \\ \hline \end{array}$$

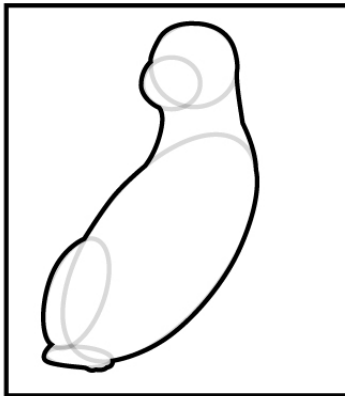
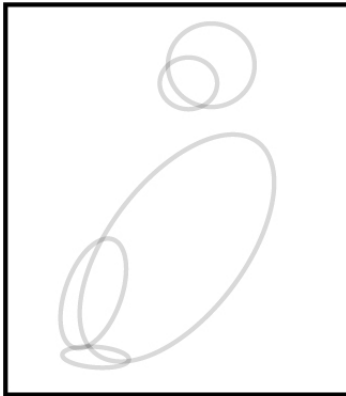
$$\begin{array}{r} 87 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 2 \\ \hline \end{array}$$

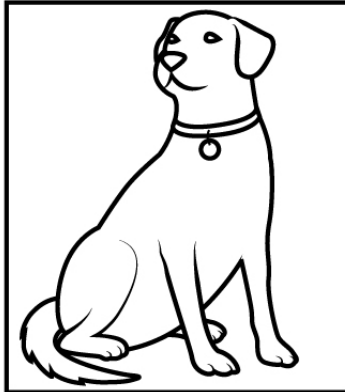
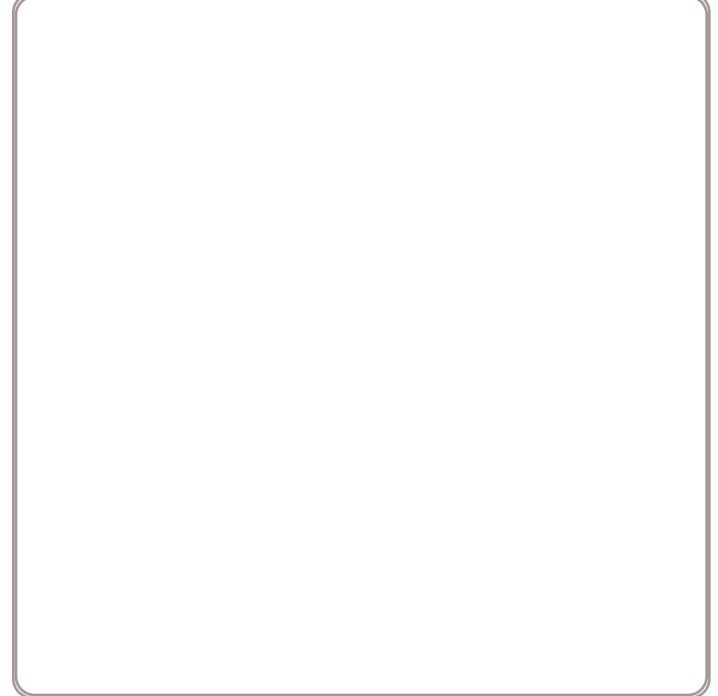
$$\begin{array}{r} 42 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 1 \\ \hline \end{array}$$



Draw it.  
What can you add to your picture?



I added \_\_\_\_\_

$$\begin{array}{r} 74 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ - 4 \\ \hline \end{array}$$

Name: \_\_\_\_\_

$\begin{array}{r} 85 \\ - \phantom{0}2 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - \phantom{0}1 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ - \phantom{0}2 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ - \phantom{0}4 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ - \phantom{0}2 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ - \phantom{0}8 \\ \hline \end{array}$
---	---	---	---	---	---

$\begin{array}{r} 57 \\ - \phantom{0}6 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ - \phantom{0}1 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ - \phantom{0}2 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ - \phantom{0}5 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ - \phantom{0}6 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ - \phantom{0}5 \\ \hline \end{array}$
---	---	---	---	---	---

$27 - 5 =$ 
 $29 - 7 =$ 
 $11 - 4 =$

$93 - 7 =$ 
 $38 - 1 =$ 
 $38 - 4 =$

$79 - 5 =$ 
 $11 - 5 =$ 
 $68 - 9 =$

$38 - 2 =$ 
 $64 - 9 =$ 
 $69 - 6 =$

$13 - \underline{\quad} = 11$ 
 $42 - \underline{\quad} = 37$ 
 $66 - \underline{\quad} = 64$

$82 - \underline{\quad} = 79$ 
 $22 - \underline{\quad} = 19$ 
 $76 - \underline{\quad} = 67$

$36 - \underline{\quad} = 29$ 
 $44 - \underline{\quad} = 36$ 
 $37 - \underline{\quad} = 35$

$47 - \underline{\quad} = 41$ 
 $52 - \underline{\quad} = 50$ 
 $37 - \underline{\quad} = 33$

$\begin{array}{r} 33 \\ - \phantom{0}3 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ - \phantom{0}6 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ - \phantom{0}3 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - \phantom{0}9 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ - \phantom{0}5 \\ \hline \end{array}$	$\begin{array}{r} 61 \\ - \phantom{0}5 \\ \hline \end{array}$
---	---	---	---	---	---

Name: \_\_\_\_\_

$$\begin{array}{r} 90 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$$

$61 - 3 =$

$65 - 1 =$

$91 - 1 =$

$55 - 3 =$

$55 - 4 =$

$15 - 6 =$

$61 - 9 =$

$61 - 7 =$

$64 - 7 =$

$26 - 1 =$

$49 - 4 =$

$31 - 9 =$

$38 - \underline{\quad} = 33$

$\underline{\quad} - 5 = 20$

$65 - \underline{\quad} = 59$

$\underline{\quad} - 9 = 78$

$\underline{\quad} - 3 = 53$

$53 - \underline{\quad} = 47$

$97 - \underline{\quad} = 93$

$\underline{\quad} - 2 = 94$

$\underline{\quad} - 9 = 56$

$\underline{\quad} - 3 = 89$

$35 - \underline{\quad} = 28$

$17 - \underline{\quad} = 12$

$$\begin{array}{r} 43 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ - 4 \\ \hline \end{array}$$

Name: \_\_\_\_\_

Write your starting time.

:

$12 - 3 = \boxed{\phantom{00}}$

$74 - 1 = \boxed{\phantom{00}}$

$75 - 9 = \boxed{\phantom{00}}$

$76 - 5 = \boxed{\phantom{00}}$

$90 - 2 = \boxed{\phantom{00}}$

$34 - 5 = \boxed{\phantom{00}}$

$17 - 3 = \boxed{\phantom{00}}$

$14 - 2 = \boxed{\phantom{00}}$

$96 - 6 = \boxed{\phantom{00}}$

$39 - 6 = \boxed{\phantom{00}}$

$58 - 9 = \boxed{\phantom{00}}$

$42 - 6 = \boxed{\phantom{00}}$

$93 - 5 = \boxed{\phantom{00}}$

$43 - 8 = \boxed{\phantom{00}}$

$48 - 8 = \boxed{\phantom{00}}$

$13 - 9 = \boxed{\phantom{00}}$

$68 - 3 = \boxed{\phantom{00}}$

$73 - 3 = \boxed{\phantom{00}}$

$77 - 1 = \boxed{\phantom{00}}$

$85 - 3 = \boxed{\phantom{00}}$

$90 - 7 = \boxed{\phantom{00}}$

$33 - 3 = \boxed{\phantom{00}}$

$41 - 6 = \boxed{\phantom{00}}$

$75 - 3 = \boxed{\phantom{00}}$

$70 - 9 = \boxed{\phantom{00}}$

$86 - 9 = \boxed{\phantom{00}}$

$80 - 3 = \boxed{\phantom{00}}$

$52 - 2 = \boxed{\phantom{00}}$

$15 - 2 = \boxed{\phantom{00}}$

$84 - 4 = \boxed{\phantom{00}}$

$22 - 3 = \boxed{\phantom{00}}$

$26 - 7 = \boxed{\phantom{00}}$

$14 - 9 = \boxed{\phantom{00}}$

$38 - 4 = \boxed{\phantom{00}}$

$68 - 1 = \boxed{\phantom{00}}$

$58 - 1 = \boxed{\phantom{00}}$

$78 - 5 = \boxed{\phantom{00}}$

$30 - 9 = \boxed{\phantom{00}}$

$56 - 1 = \boxed{\phantom{00}}$

$75 - 4 = \boxed{\phantom{00}}$

$13 - 3 = \boxed{\phantom{00}}$

$37 - 7 = \boxed{\phantom{00}}$

Write your ending time.

:

Make your own equations.

$41 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$97 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 8 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 5 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 4 = \boxed{\phantom{00}}$

$32 - \boxed{\phantom{00}} = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} - 2 = \boxed{\phantom{00}}$

Name: \_\_\_\_\_

$$14 + \underline{\quad} = 18$$

$$\underline{\quad} + 15 = 22$$

April started school with 12 pencils in her desk. She counted her pencils. She only has 8. How many pencils has she used?

eighteen plus seven equals

Rose has 8 squishies. She collects them! She has 3 red ones. The rest are yellow. How many squishies are yellow?

$$\begin{array}{r} 14 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 10 \\ \hline \end{array}$$

Write these numbers in order from smallest to largest.

12, 103, 40, 30, 19

\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_

Find three ways to make 7.

$$\underline{\quad} + \underline{\quad} = 7$$

$$\underline{\quad} + \underline{\quad} = 7$$

$$\underline{\quad} + \underline{\quad} = 7$$

twenty-one minus six equals

$$\underline{\quad} - 10 = 7$$

$$17 - \underline{\quad} = 14$$

9, 11, 13, 15, 17, 19,  
\_\_\_\_\_, 23, 25

$$7 - 2 = \underline{\quad}$$

$$2 + \underline{\quad} = 7$$

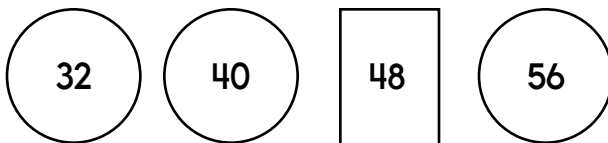
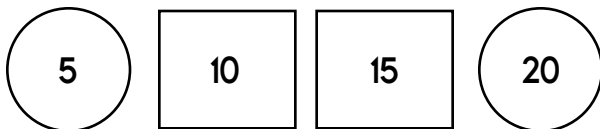
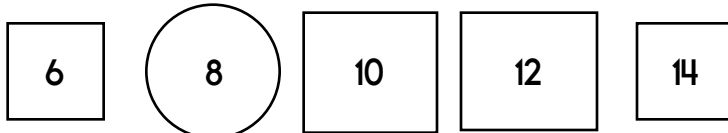
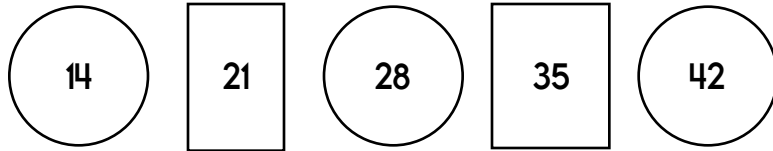
$$\begin{array}{r} 60 \\ - 14 \\ \hline \end{array}$$

59, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, 64, 65

three plus seven equals

Name: \_\_\_\_\_

Complete the pattern.



Estimate how long it took you to get to school today. Circle one.

less than 7 minutes  
more than 7 minutes

Count by tens.

30 \_\_\_\_\_ 80

$$\begin{array}{r} 26 \\ + 62 \\ \hline \end{array}$$

**328**

I am in the ones place.

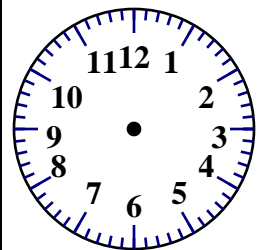
What number am I? \_\_\_\_\_

I am two numbers more than the number in the tens place.

What number am I? \_\_\_\_\_

$$\begin{array}{r} 74 \\ - 71 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 71 \\ \hline \end{array}$$



8 : 50

Combine the words to make a compound word.

hand + writing = \_\_\_\_\_

short + hand = \_\_\_\_\_

$$70 + 60 = \underline{\hspace{2cm}}$$



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