

Name: _____

Mental Math



= Do it
in your
head!



	+1	-1	+10	-10	+4	-4
44						
78						
20						
39						
51						
85						
263						
832						
426						
357						
741						
669						



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 3 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$
---	---	---	---	---	---	---	---	---

Name: _____

Eric cut out 21 paper snowflakes. He put 12 on his window. How many did he have left?

Emma made 96 muffins. Write that number in expanded form.

Anne made 15 cookies. She gave 4 cookies to her best friend. How many cookies are left?

Write four words to describe the monkey.

1. _____

2. _____

3. _____

4. _____



©edHelper

7:00 a.m. to 6:00 p.m.

11 hours 7 hours

8 hours 12 hours

$11 + \underline{\hspace{2cm}} = 14$

3 6 7

3 tens and 4 ones

304 34 43

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 5 in your head

subtract 3

Write the number.

A

imagine 4 in your head

add 4

double it

Write the number.

B C

imagine 2 in your head

add 1

add 6

Write the number.

D

imagine 2 in your head

add 1

add 6

subtract 3

Write the number.

E

What is the sum?

$A + B + C + D + E$

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

_____ n t - o _____

8 after 14 _____

6 before 13 _____

7 after 16 _____

3 after 13 _____

5 before 12 _____

4 after 12 _____

1 after 15 _____

2 before 14 _____

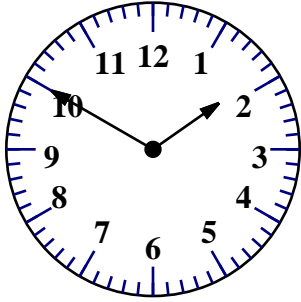
2 after 11 _____

5 after 17 _____

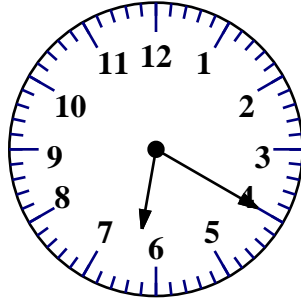
7 before 18 _____

9 after 18 _____

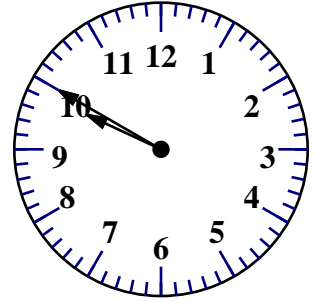
Name: _____



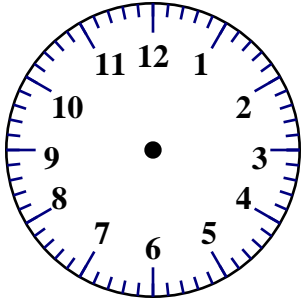
1:50



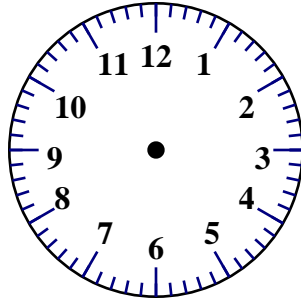
:



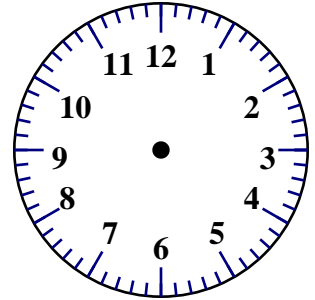
:



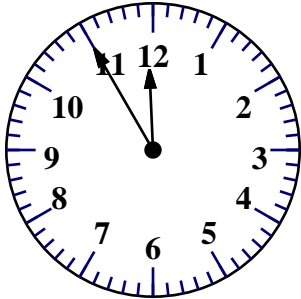
Draw 2:40.



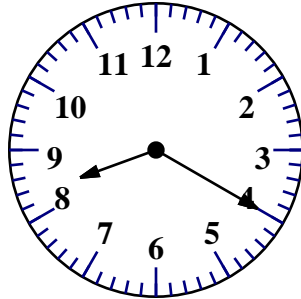
Draw 3:30.



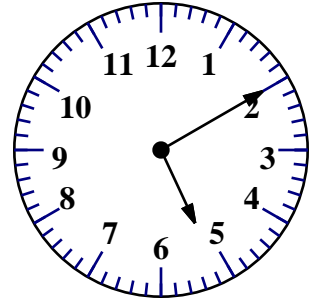
Draw 10:40.



:



:



:

Name: _____

You are a detective. Decode each secret number.

The secret number is:

$$\begin{array}{r} \underline{3} \quad \quad \quad \underline{6} \\ a \quad b \quad c \quad d \quad e \end{array}$$

Check:

$$\begin{array}{r} \underline{3} \quad + \quad \quad = 4 \\ a \quad \quad b \end{array}$$

$$\begin{array}{r} \quad \quad \quad + \quad \underline{6} = 7 \\ \quad \quad c \quad \quad d \end{array}$$

Use these clues:



- a. eighth digit from the left
- b. third digit from the right
- c. last digit starting from the left
- d. sixth digit from the right
- e. first digit from the left

The secret number is:

$$\begin{array}{r} \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \\ a \quad b \quad c \quad d \end{array}$$

Check:

$$\begin{array}{r} \underline{\quad} \quad + \quad \underline{\quad} = 8 \\ a \quad \quad b \end{array}$$

$$\begin{array}{r} \quad \quad \quad + \quad \underline{\quad} = 8 \\ \quad \quad c \quad \quad d \end{array}$$

Use these clues:



- a. ninth digit from the right
- b. fifth digit from the right
- c. first digit from the left
- d. seventh digit from the left

The secret number is:

$$\begin{array}{r} \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \quad \underline{\quad} \\ a \quad b \quad c \quad d \quad e \quad f \end{array}$$

Check:

$$\begin{array}{r} \underline{\quad} \quad + \quad \underline{\quad} = 9 \\ a \quad \quad b \end{array}$$

$$\begin{array}{r} \quad \quad \quad + \quad \underline{\quad} = 5 \\ \quad \quad c \quad \quad d \end{array}$$

Use these clues:

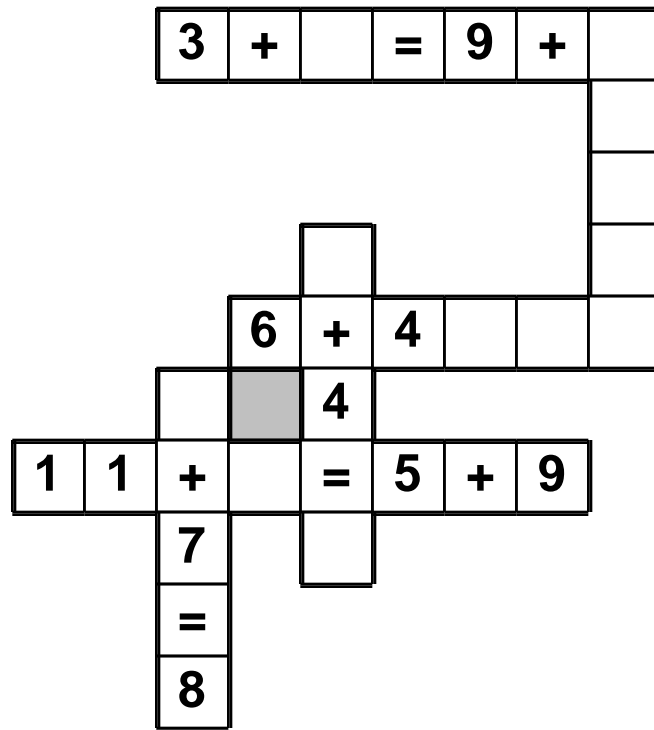


- a. first digit on the right
- b. sixth digit from the left
- c. sixth digit from the right
- d. fourth digit from the right
- e. second digit from the left
- f. second digit from the right

Name: _____

6 • 0 • + • 0 • 4 • = • = • 1 • 0 • 1 • 3 • 8

Use the pieces above to help you fill in the runaway math puzzle.



9
- 2

38, _____, 40, _____, 42,

Anna started school with 10 pencils in her desk. She counted her pencils. She only has 6. How many pencils has she used?

19
- 10

18 + ___ = 22
___ + 14 = 21

8, 10, 12, _____, 16, 18, 20,
22, 24, 26

Name: _____

one hundred seventy-three	$14 + 68 = \underline{\hspace{2cm}}$	$\begin{array}{r} 3 \\ 1 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ 20 \\ + 12 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ 23 \\ + 15 \\ \hline \end{array}$
------------------------------	--------------------------------------	--	---	---

Write the words into the boxes.

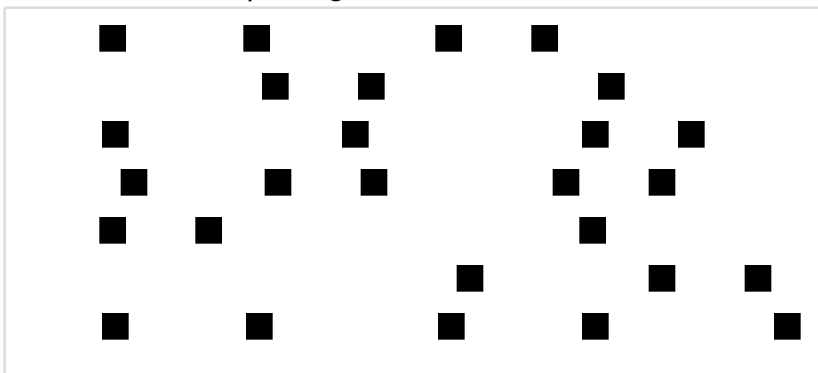
stand • sixth • nickel • later • treat • grass • today • myself • swing

<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>
<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>
<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>	<div style="border: 1px solid black; display: flex; justify-content: space-around; padding: 2px;">□ □ □ □ □ □ □ □</div>

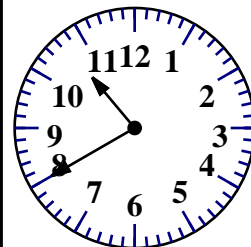
Take a guess and estimate how many squares are below. Then write the actual number.

Estimate: _____ Actual: _____

How close was your guess? _____



seven hundred
thirty-eight



_____ : _____

$2+800+50$

100 more
than 231

$\begin{array}{r} 68 \\ - 49 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ + 81 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ + 70 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ + 87 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ + 26 \\ \hline \end{array}$
---	---	---	---	---	---

Name: _____

Fill in the numbers.

25	26	27		29	30
35	36	37		39	40
45	46	47	48	49	50
55	56	57	58	59	60
65	66		68	69	70

15	16			19	20
25		27	28		30
	36			39	40
45		47	48	49	
	56	57			

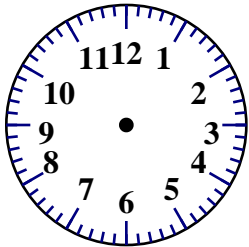
89

	58	
67		
77	78	

35		
45		
65		67

	63	
		74
82		
92		

	25	26
44		
	55	



5 : 25

- ruug
- rug
- ru
- rugg

Twenty is an even number.
true false

How many weekend days are there in two full weeks?

100 more than 388

$$\begin{array}{r} 23 \\ + 75 \\ \hline \end{array}$$

It is your turn. Write X to make your move.

<input type="radio"/>	<input type="radio"/>	X
<input type="radio"/>		X
X		<input type="radio"/>

- can
- kann
- cen
- cann

$$\begin{array}{r} 45 \\ + 94 \\ \hline \end{array}$$

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$31.12 using bills and coins.

\$20

\$10

\$1

10¢

1¢

1¢

Show a different way to make \$31.12 using a different number of bills or coins.

Make \$54.13 using bills and coins.

Show a different way to make \$54.13 using a different number of bills or coins.

Name: _____

$$\begin{array}{r} 86 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 77 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 80 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 169 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 119 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 117 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 151 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ - 72 \\ \hline \end{array}$$

$$\begin{array}{r} 167 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 8 \\ \hline \square \\ + 5 \\ \hline \square \\ + 9 \\ \hline 24 \\ - \square \\ \hline 18 \\ + \square \\ \hline 23 \\ + 9 \\ \hline \square \\ + 9 \\ \hline 41 \\ - \square \\ \hline 38 \\ + \square \\ \hline 44 \\ - \square \\ \hline 41 \\ + 6 \\ \hline \square \end{array}$$

Name: _____

Complete the pattern.

2 4 6 8 10 12 _____

45 54 63 72 81 90 _____

20 25 30 35 40 45 _____

9 12 15 18 21 24 _____

16 24 32 40 48 56 _____

2 3 4 5 6 7 _____

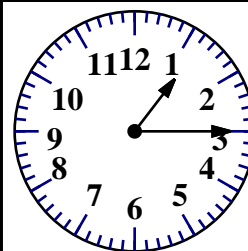
463

I am in the ones place.

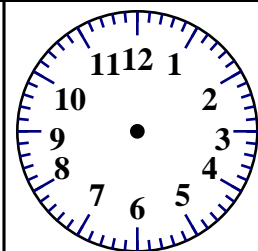
What number am I? _____

I am nine numbers more than the number in the ones place.

What number am I? _____

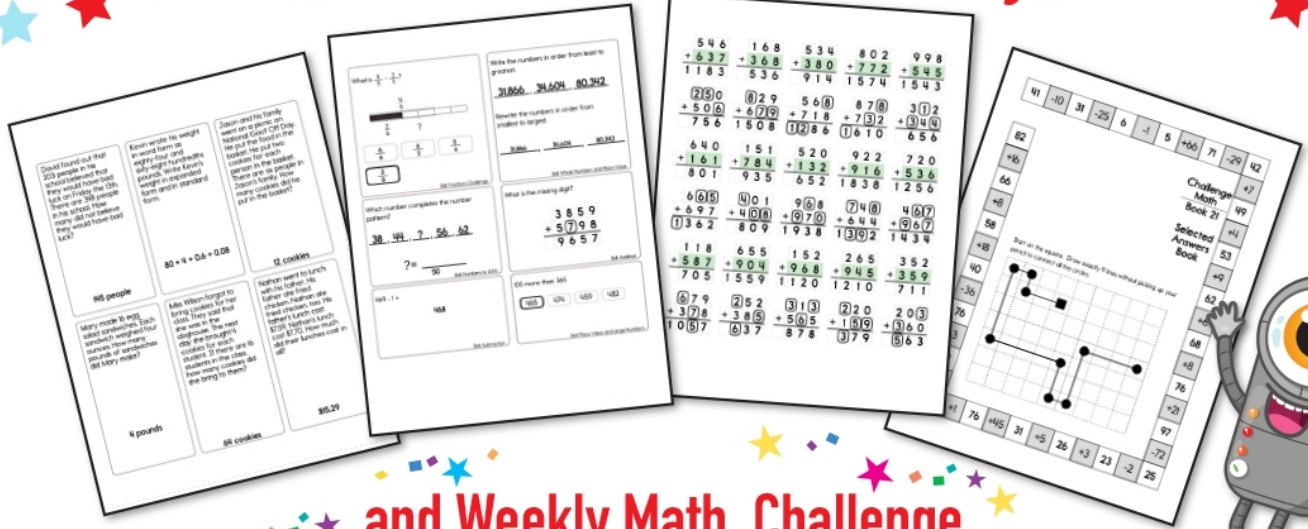


_____ : _____

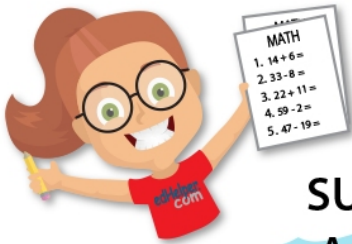


8 : 15

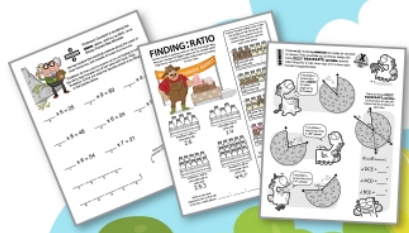
Subscribe to Get Answer Keys



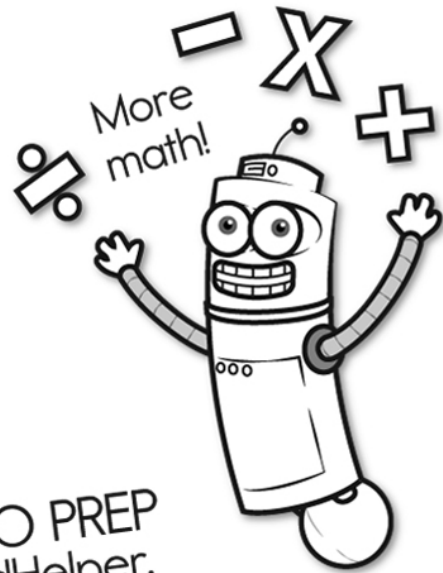
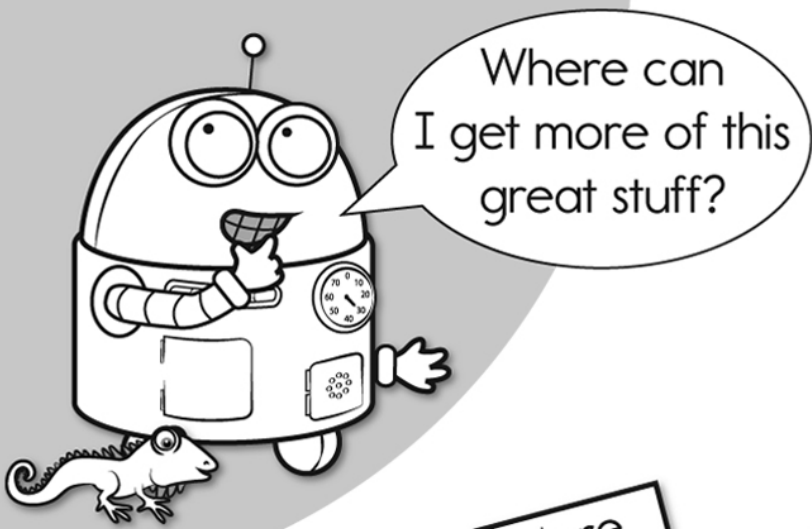
and Weekly Math, Challenge
 Workbooks, Posters, Daily Reading,
 and so much more!



SUBSCRIBE TO RECEIVE EVEN MORE
 Answer Keys • Effective Activities • Access
 to as many printables as you need!



edHelper.com



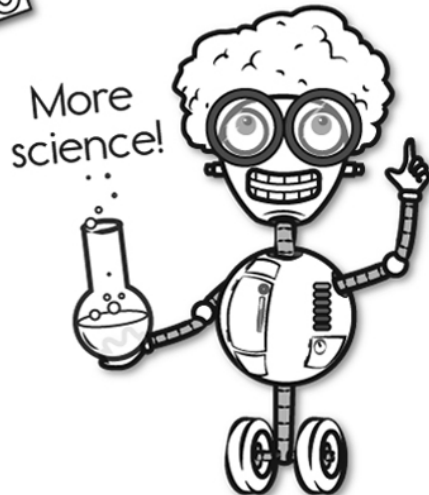
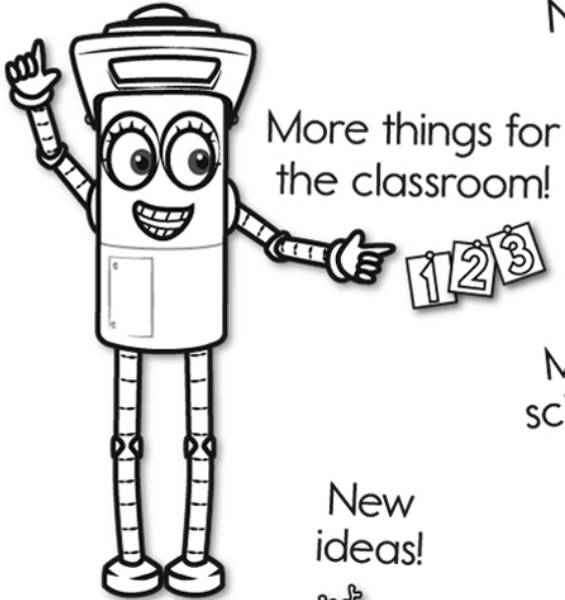
It's NO PREP at edHelper.

More history!



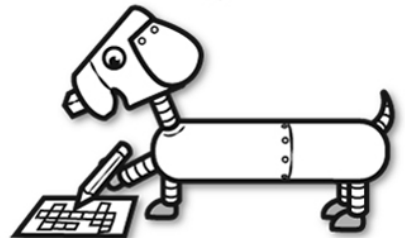
edHelper.com!

New online math games!



x
+ =
- ÷ < - >

More puzzles!



Take The Boring Out Of Homework!

Easy to
print!

edHelper

Weekly K-6 "Take It Home" Books

Kids want choices
for homework.
"Take It Home" books
have fun graphics and
challenging puzzles and
problems for older kids.

"Dr. Programmer"
challenges kids..

Homework
will never be
the same!

edHelper.com

