

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 4

Write the number.

\_\_\_\_\_  
A

imagine 6 in your head

double it

subtract 5

Write the number.

\_\_\_\_\_  
B

imagine 2 in your head

add 1

add 3

Write the number.

\_\_\_\_\_  
C

imagine 9 in your head

add 3

add 1

subtract 2

Write the number.

\_\_\_\_\_  
D    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?

\_\_\_\_\_ t \_\_\_\_\_ e \_\_\_\_\_

3 after 12 \_\_\_\_\_

6 before 19 \_\_\_\_\_

5 after 19 \_\_\_\_\_

9 after 18 \_\_\_\_\_

5 before 14 \_\_\_\_\_

4 after 14 \_\_\_\_\_

6 after 16 \_\_\_\_\_

9 before 17 \_\_\_\_\_

1 after 11 \_\_\_\_\_

7 after 15 \_\_\_\_\_

8 before 13 \_\_\_\_\_

8 after 17 \_\_\_\_\_

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

Cross off the number that does NOT belong.

8, 10, 11, 12, 14, 16, 18, 20, 22, 24

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the letter that does NOT belong.

G, I, M, J, O, K, Q, L, S, M, U, N, W, O, Y

Why does \_\_\_\_\_ not belong in the pattern?

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

Hunter woke up at 7 o'clock in the morning on Mirth Day. Write the time another way.

There are 19 books on the shelf. Two books are about horses. How many books are not about horses?

Jack has many shells. He found them at the beach. He put them in groups of 12. He has 4 groups and 5 shells left over? How many shells does he have?

Here is a puzzle for you to solve. Draw coins to show eighty cents in three different ways. Use only half dollars, quarters, and dimes.

Fill in the missing letters. Write a or i.

com\_\_\_\_ng

c\_\_\_\_ndle

so\_\_\_\_p

gr\_\_\_\_y

d\_\_\_\_dn't

v\_\_\_\_siting

f\_\_\_\_n

w\_\_\_\_ng

Write the missing letter.

c



b

i

\_\_\_\_ry

l

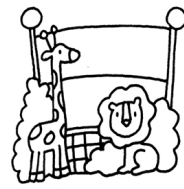


w

g

lau\_\_\_\_h

u



o

v

z\_\_\_\_o



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

Get a fidget spinner! Spin it.

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

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

How many?



54, 72, 90, \_\_\_\_\_, 126,  
144, 162

$$\begin{array}{r} 11 \\ + 10 \\ \hline \end{array}$$

B, E, H, \_\_\_\_\_, N, Q,  
T, W, Z

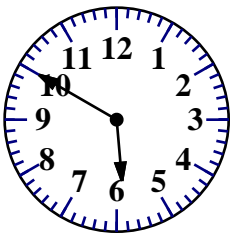
twenty-three minus six  
equals

H, J, I, K, J, L, K,  
\_\_\_\_\_, L, N

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

forty-six plus seven equals

What time is it?



\_\_\_\_:\_\_\_\_

Pam took an empty half  
gallon milk carton and filled  
it with jelly beans. Write a  
number to estimate how  
many jelly beans are in the  
milk carton.

6 tens + 2 ones = \_\_\_\_

3 tens + 9 ones = \_\_\_\_

8 tens + 7 ones = \_\_\_\_

7 tens + 0 ones = \_\_\_\_

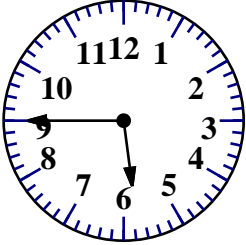
Name: \_\_\_\_\_

There were some marshmallows in the bag. Jacob ate 7. Jack ate 4. There are 12 marshmallows left. How many marshmallows were in the bag before Jacob and Jack ate some?	Mr. Clark baked 36 biscuits. He sold 21 biscuits. How many were left?	Gina's father had 32 roses. He put 18 roses in a vase. He put ferns in the vase, too. He sold the vase of roses to Mr. Jones. How many roses does he have left?
---	---	---

Make 14.

<u>6</u> + <u>8</u>	<u>2</u> + _____	_____ + <u>13</u>
_____ + <u>11</u>	_____ + <u>4</u>	<u>9</u> + _____
_____ + <u>5</u>	<u>8</u> + _____	_____ + <u>12</u>

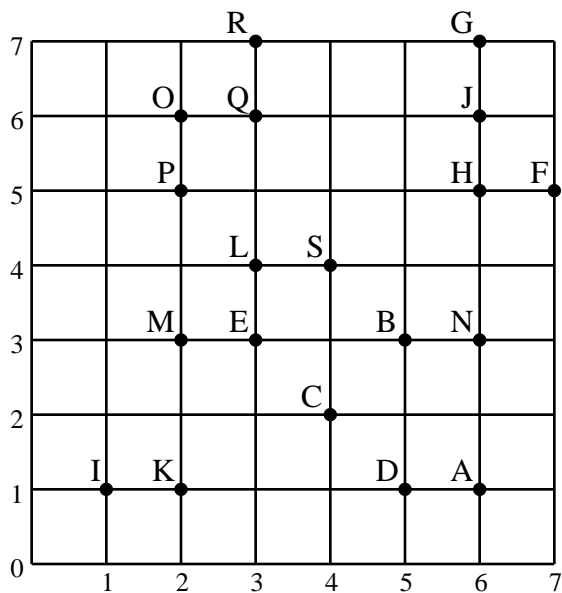
$20 + 5 = \underline{\hspace{2cm}}$	$11 + 5 = \underline{\hspace{2cm}}$	$\begin{array}{r} 20 \\ + 45 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 16 \\ \hline \end{array}$
-------------------------------------	-------------------------------------	---	---

<p>Count by 5s.</p> <p><u>50</u>    _____    <u>65</u>    _____</p>	$\begin{array}{r} 86 \\ - 33 \\ \hline \end{array}$	 <p>_____ : _____</p>
$97 - 5 = \underline{\hspace{2cm}}$		



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.

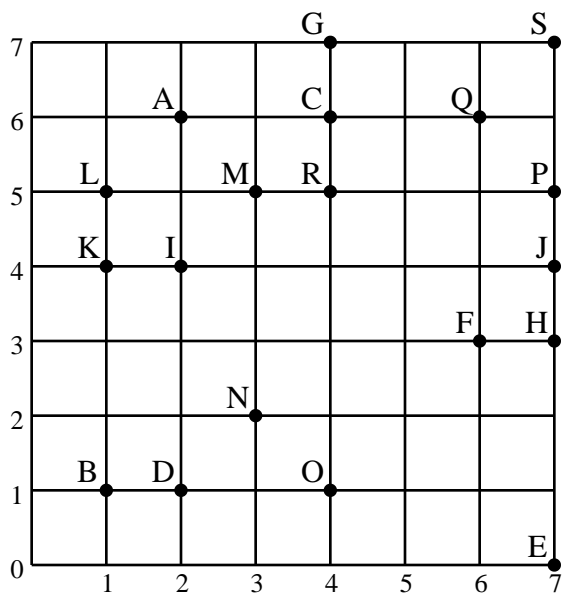


3 units NE

5 units \_\_\_\_\_

2 units \_\_\_\_\_

1 unit \_\_\_\_\_



3 units KB

1 unit \_\_\_\_\_

4 units \_\_\_\_\_

5 units \_\_\_\_\_

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

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

$$\begin{array}{r} 66 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 24 \\ \hline \end{array}$$

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

$$\begin{array}{r} 89 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 32 \\ \hline \end{array}$$

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

$$\begin{array}{r} + 6 \\ \hline \square \\ + 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 21 \\ + 2 \\ \hline \square \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 7 \\ \hline \square \\ + 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 44 \\ - \square \\ \hline \end{array}$$

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

35

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

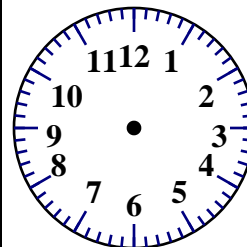
### Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

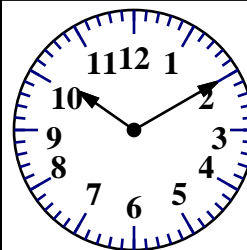
Here is an example of a sudoku sum of 7:



	2	1	
3			
		2	



6 : 00



:



Write the words into the boxes.

stand • shark • chip • thick • green • born • birth • book • said  
once

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

--	--	--	--

$900 + 70 + 2$

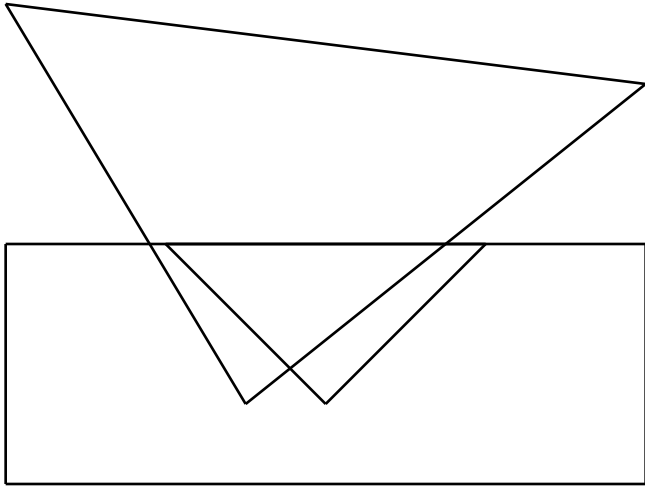

Eight is an even number.  
no      yes

$20 + 2 = \underline{\hspace{2cm}}$

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

<p>Write + or - in the circles.</p> <p>9 ○ 20 = 3 ○ 26</p> <p>5 ○ 5 = 8 ○ 8</p>	<p>Combine the words to make a compound word.</p> <p>clock + wise = _____</p> <p>sand + bar = _____</p>	$\begin{array}{r} 36 \\ + 62 \\ \hline \end{array}$
---	---	---

<p>Get your ruler. Draw a line using your ruler that is 4 centimeters long.</p>	<p>Combine the words to make a compound word.</p> <p>fore + most = _____</p> <p>data + base = _____</p>
---	---

<p>How many triangles can you find? Color the smallest triangle you can find red. Color the largest triangle you can find yellow. (Hint: Look for small and big triangles.)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">_____ triangles</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math display="block">\begin{array}{r} 46 \\ - 45 \\ \hline \end{array}</math> </div> <div style="text-align: center;"> <math display="block">\begin{array}{r} 86 \\ - 71 \\ \hline \end{array}</math> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;"> <math display="block">\begin{array}{r} 93 \\ - 51 \\ \hline \end{array}</math> </div>  </div>
--	--

<p>Robert had 41 turkey feathers. He gave his best friend 25 of them. How many feathers does he have left?</p>	$600+30+3$	$\begin{array}{r} 21 \\ + 16 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 46 \\ - 31 \\ \hline \end{array}$
--	------------	---	---	---

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

5 6 2  
6 2 6  
8 0 2  
7 5 9

802 > 759 > 626 > 562

5 5 2  
4 1 9  
6 9 6  
6 0 2

\_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

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

\_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

6 0 1  
3 3 4  
7 1 0  
2 2 9

\_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_ > \_\_\_\_\_

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

What is the largest two-digit number you can make with the numbers 5, 9, and 4?

\_\_\_\_\_

Write + or - in the circles.

7 ○ 11 = 14 ○ 4

11 ○ 11 = 12 ○ 12

$$\begin{array}{r} 6 \\ 6 \\ + 2 \\ \hline \end{array}$$



Count by 1.

7 \_\_\_\_\_

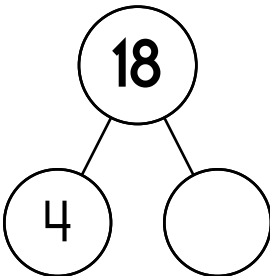
\_\_\_\_\_ is 1 more than 7.

79 - 7 = \_\_\_\_\_

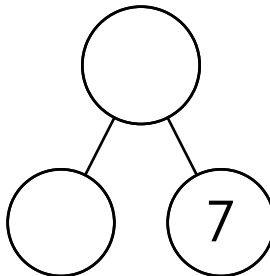
$$\begin{array}{r} 27 \\ + 22 \\ \hline \end{array}$$

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

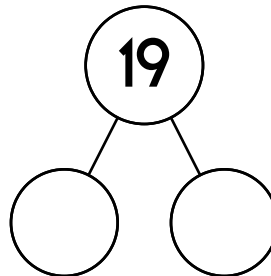
Pick from the numbers to complete each number bond.



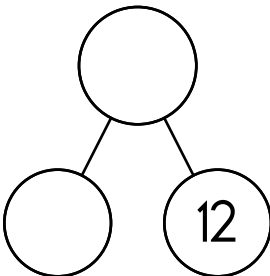
9  
15  
11  
14  
4



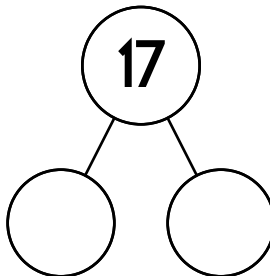
15  
14  
13  
6  
7



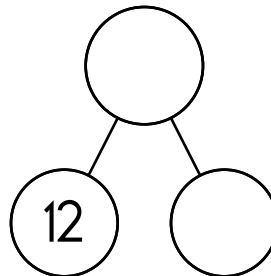
5  
5  
5  
14  
7



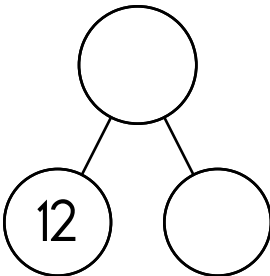
4  
16  
4  
4  
5



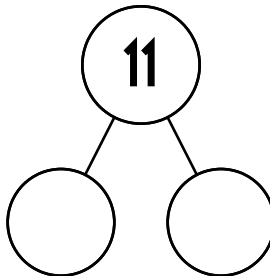
15 3  
2 4  
2  
2  
2



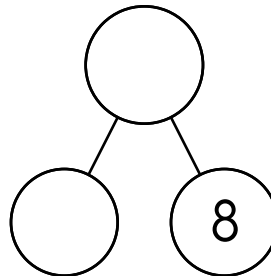
3 1  
4 1  
13  
4  
3



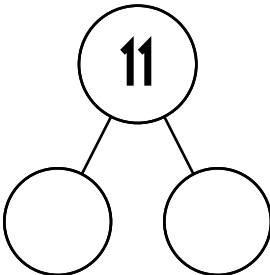
15 3  
4  
5  
3  
1



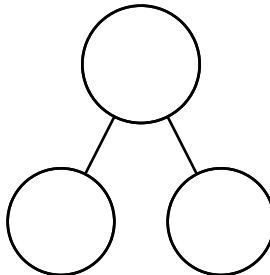
2 9  
9  
13  
10  
7



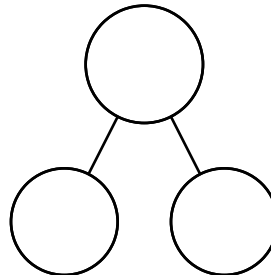
8 4  
6  
12  
5  
5



7 6  
4  
5  
3  
3



2 5  
4  
7  
7  
12



2 2  
4  
2  
18  
16

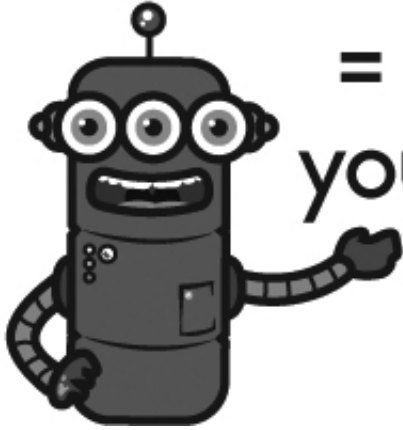
Name: \_\_\_\_\_

1	+2		+6				+9		-8
					+7		-4		
	-4		-1					+13	
+5						+1	-7		
-6						-3	+2		
+8		-16		+12	14	-3	+4	18	

<p>Write an addition number sentence using the numbers 8, 1, and 9.</p> <p>_____</p>	<p>Make 12</p> <p>_____ + _____ =</p> <p>_____ + _____ =</p> <p>_____ + _____ =</p> <p>_____ + _____ =</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px; text-align: center;"> <math display="block">\begin{array}{r} 97 \\ - 24 \\ \hline \end{array}</math> </td> <td style="border: 1px solid black; padding: 5px; text-align: center;"> <math display="block">\begin{array}{r} 52 \\ + 32 \\ \hline \end{array}</math> </td> </tr> </table>	$\begin{array}{r} 97 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 32 \\ \hline \end{array}$
$\begin{array}{r} 97 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 32 \\ \hline \end{array}$			
<p>Circle the odd number.</p> <p>4    10    16    14</p> <p>12    7</p>				

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

# Mental Math



= Do it in  
your head!



	+1	-1	+10	-10	+3	-3
80						
45						
31						
54						
23						
169						
276						
422						
588						
867						

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

Complete the pattern.

50	60	70	80	90	100	_____
----	----	----	----	----	-----	-------

21	28	35	42	49	56	_____
----	----	----	----	----	----	-------

2	3	4	5	6	7	_____
---	---	---	---	---	---	-------

3	6	9	12	15	18	_____
---	---	---	----	----	----	-------



Write this number using words.

$$\begin{array}{r} 45 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 9 \\ \hline \end{array}$$

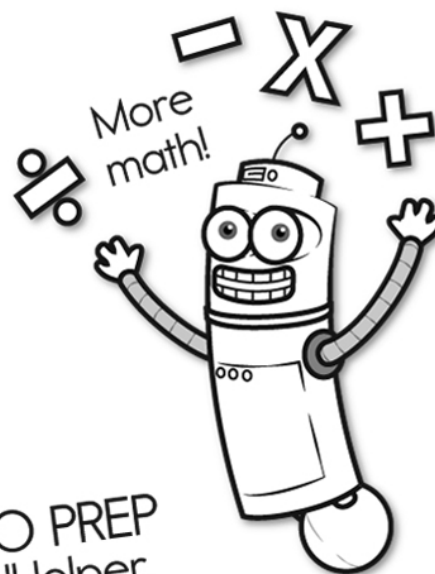
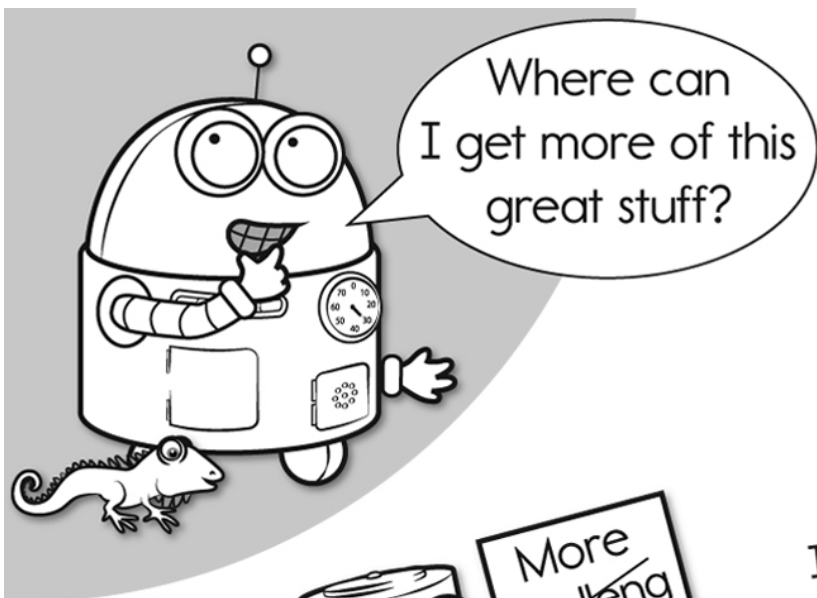
Circle each even number.

973	64	772	71	40
45	77	362	96	169
57	30	93	75	686
480	52	89	68	81
24	504	99	93	36

100 less  
than 263



$$77 - 6 = \underline{\hspace{2cm}}$$

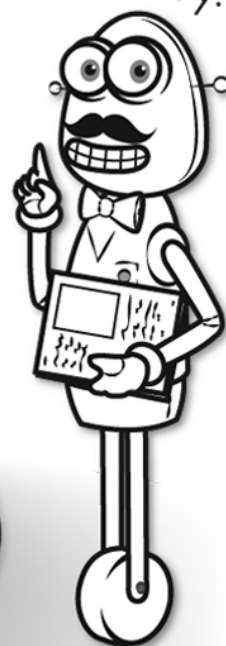


It's NO PREP at edHelper.

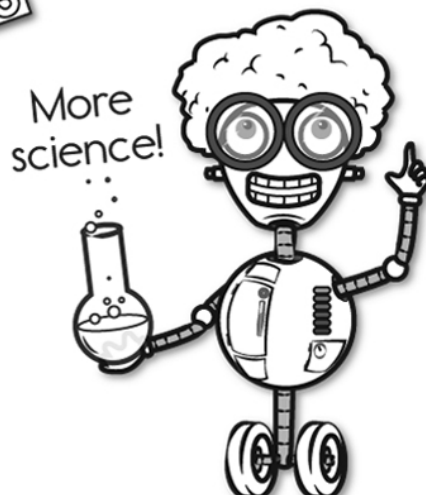
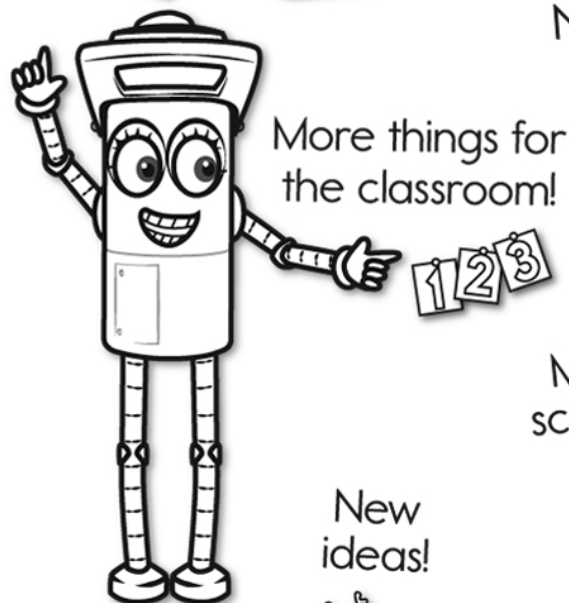
More history!



# edHelper.com!



New online math games!



New ideas!



$\times$   
 $\times =$   
 $- \div$   
 $< - >$

More puzzles!

