

Name: _____

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

E, Q, E, Q, __, Q, E, Q, E, Q, E, Q

O, K, O, K, O, __, __, K, O, __

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

L, Q, K, O, J, M, I, K, H, I, G, __, __, E

Q, K, P, I, O, G, N, __, __, C

M, P, L, N, K, L, __, __, I, H

Name: _____

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

Use the fewest bills and coins to make \$36.34.

\$20	\$10	\$5	\$1
------	------	-----	-----

25¢	5¢	1¢	1¢	1¢	1¢
-----	----	----	----	----	----

Use the fewest bills and coins to make \$42.22.

\$20			
------	--	--	--

	10¢		
--	-----	--	--

Use the fewest bills and coins to make \$23.12.

--	--	--	--

--	--	--

Use the fewest bills and coins to make \$12.27.

--	--	--

--	--	--

5 tens and 4 ones

☐ 54 ☐ 405 ☐ 4

3 pennies 2 quarters

☐ 53¢ ☐ 82¢ ☐ 77¢

Which number is even?

☐ 56 ☐ 55

Name: _____

Adding and Subtracting 9

$1 + 9 = \underline{\quad}$	$9 + 9 = \underline{\quad}$	$7 + 9 = \underline{\quad}$	$14 - 9 = \underline{\quad}$
$9 + 11 = \underline{\quad}$	$21 - 9 = \underline{\quad}$	$11 + 9 = \underline{\quad}$	$9 + 4 = \underline{\quad}$
$4 + 9 = \underline{\quad}$	$9 + 9 = \underline{\quad}$	$8 + 9 = \underline{\quad}$	$9 + 10 = \underline{\quad}$
$1 + 9 = \underline{\quad}$	$20 - 11 = \underline{\quad}$	$14 - 9 = \underline{\quad}$	$13 - 4 = \underline{\quad}$
$9 + 2 = \underline{\quad}$	$17 - 8 = \underline{\quad}$	$2 + 9 = \underline{\quad}$	$15 - 9 = \underline{\quad}$

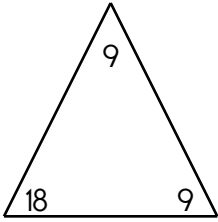
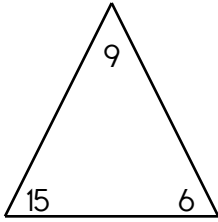
$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$
$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 9 \\ \hline \end{array}$
$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$
$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ - 9 \\ \hline \end{array}$

$10 - 1 = \underline{\quad}$	$10 - 1 = \underline{\quad}$	$9 + 1 = \underline{\quad}$	$1 + 9 = \underline{\quad}$
$9 + 2 = \underline{\quad}$	$11 - 9 = \underline{\quad}$	$5 + 9 = \underline{\quad}$	$16 - 9 = \underline{\quad}$
$9 + 12 = \underline{\quad}$	$19 - 9 = \underline{\quad}$	$16 - 9 = \underline{\quad}$	$14 - 9 = \underline{\quad}$

Name: _____

Adding and Subtracting 9

$4 + 9 = \underline{\quad}$	$9 - 1 = \underline{\quad}$	$14 - 9 = \underline{\quad}$	$11 + 9 = \underline{\quad}$
$9 - 7 = \underline{\quad}$	$9 + 2 = \underline{\quad}$	$8 + 9 = \underline{\quad}$	$15 - 9 = \underline{\quad}$
$2 + 9 = \underline{\quad}$	$10 - 9 = \underline{\quad}$	$15 - 9 = \underline{\quad}$	$9 - 7 = \underline{\quad}$
$9 - 2 = \underline{\quad}$	$16 - 9 = \underline{\quad}$	$9 - 6 = \underline{\quad}$	$9 + 10 = \underline{\quad}$
$9 - 8 = \underline{\quad}$	$9 - 2 = \underline{\quad}$	$20 - 11 = \underline{\quad}$	$18 - 9 = \underline{\quad}$
$6 + 9 = \underline{\quad}$	$9 + 11 = \underline{\quad}$	$13 - 4 = \underline{\quad}$	$9 + 7 = \underline{\quad}$
$12 - 3 = \underline{\quad}$	$14 - 9 = \underline{\quad}$	$10 - 1 = \underline{\quad}$	$21 - 9 = \underline{\quad}$
$17 - 8 = \underline{\quad}$	$9 - 6 = \underline{\quad}$	$9 + 6 = \underline{\quad}$	$8 + 9 = \underline{\quad}$
$19 - 9 = \underline{\quad}$	$9 + 6 = \underline{\quad}$	$9 + 2 = \underline{\quad}$	$10 - 9 = \underline{\quad}$

<p>Fill in the blanks using numbers from the fact family.</p> <div style="text-align: center;">  </div> <div> <div><input type="text"/></div> <div>+</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>+</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>-</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>-</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div>	<p>Fill in the blanks using numbers from the fact family.</p> <div style="text-align: center;">  </div> <div> <div><input type="text"/></div> <div>+</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>+</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>-</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div> <div> <div><input type="text"/></div> <div>-</div> <div><input type="text"/></div> <div>=</div> <div><input type="text"/></div> </div>
--	---

Name: _____

David wants to buy a sea monkey. He has 6 dimes and 12 pennies. How much money does he have?	Mr. Brown poured 169 cups of orange juice. Then he poured 37 more cups of juice. How many cups of juice did he pour in all?	On Monday Miss Thompson served 88 cups of yogurt. On Tuesday she served 74 cups of yogurt. How many more cups did she serve on Monday than she did on Tuesday?
--	---	--

Write four words to describe this card.

1. _____
2. _____
3. _____
4. _____



©edHelper

Count by 1.

10 _____ 15

13 is 3 more than _____ .

eleven

$$\begin{array}{r} 32 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 22 \\ \hline \end{array}$$

Name: _____

15	+5		-4				+8		-11
					-7		+6		
								+6	
					+1		-9		
								+6	
+3		+1		+2		-4			
								-8	
-8						+7		-8	
+9		-5		-3	9	+2		+7	11

Combine the words to make a compound word.

under + water = _____

sales + woman = _____

$$68 - 8 = \underline{\hspace{2cm}}$$

Name: _____



$5 - \underline{\quad} = 3$

$\underline{\quad} - 8 = 1$

$\underline{\quad} - 4 = 1$

$8 - \underline{\quad} = 6$

$\underline{\quad} - 4 = 8$

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

$\underline{\quad} - 7 = 1$

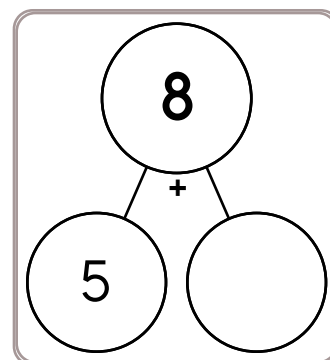
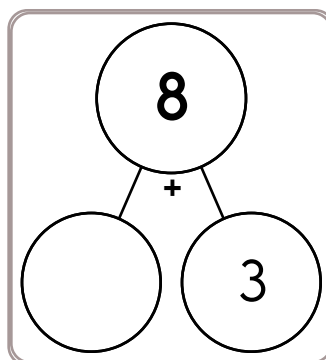
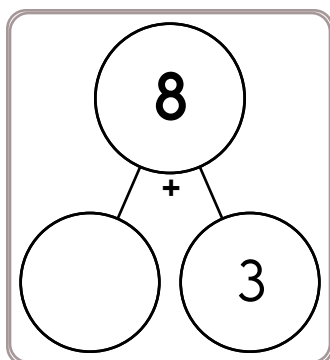
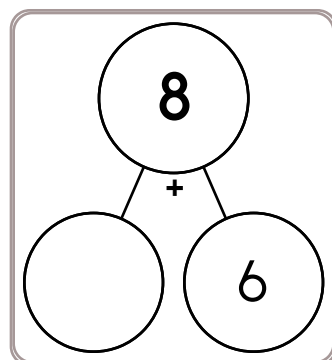
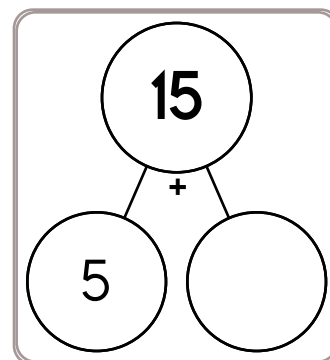
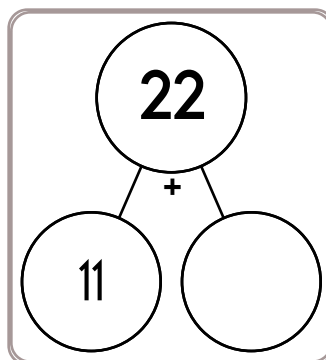
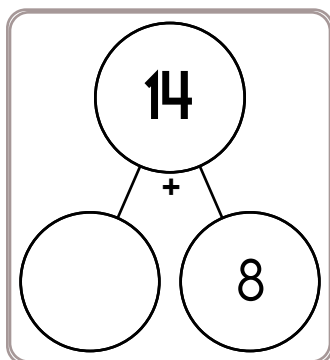
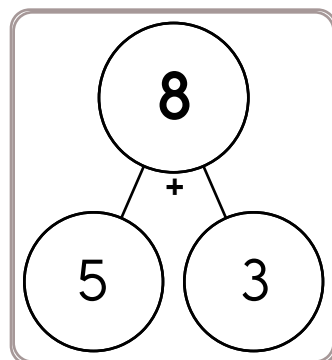
$10 - \underline{\quad} = 6$

$\underline{\quad} - 2 = 10$

$3 - \underline{\quad} = 1$

$\underline{\quad} - 4 = 5$

$12 - \underline{\quad} = 10$



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

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

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 12 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 10 \\ \hline \end{array}$$

Name: _____

$$\begin{array}{r} 82 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 99 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} \square 1 \\ + 7\square \\ \hline 84 \end{array}$$

$$\begin{array}{r} 8\square \\ + \square 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 6\square \\ + \square 0 \\ \hline 83 \end{array}$$

$$\begin{array}{r} \square 5 \\ + 56 \\ \hline 7\square \end{array}$$

$$\begin{array}{r} 12 \\ + \square\square \\ \hline 27 \end{array}$$

$$\begin{array}{r} \square 5 \\ + 6\square \\ \hline 13 \end{array}$$

$$\begin{array}{r} 82 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 6\square \\ \hline \square 5 \end{array}$$

$$\begin{array}{r} 8\square \\ + \square 0 \\ \hline 13 \end{array}$$

$$\begin{array}{r} \square\square \\ + 64 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 32 \\ + \square 8 \\ \hline 1\square \end{array}$$

$$\begin{array}{r} 7\square \\ + \square 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} \square\square \\ + 61 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 12 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} \square 8 \\ + 5\square \\ \hline 13 \end{array}$$

$$\begin{array}{r} 45 \\ + \square 3 \\ \hline 6\square \end{array}$$

$$\begin{array}{r} \square 0 \\ + 6\square \\ \hline 94 \end{array}$$

$$\begin{array}{r} \square 4 \\ + 20 \\ \hline 8\square \end{array}$$

$$\begin{array}{r} 5\square \\ + 43 \\ \hline \square 8 \end{array}$$

$$\begin{array}{r} 46 \\ + \square\square \\ \hline 97 \end{array}$$

Name: _____

Find 2 equations hidden in each box. Good luck!

$1 + 5$

$3 + 6$

13

$6 - 1$

5

9

Write 2 equations: _____

7

$2 + 1$

$5 + 5$

$4 + 2$

$2 + 2$

10

$6 + 6$

4

Write 2 equations: _____

$8 + 6$

7

$9 - 2$

$8 + 9$

2

17

Write 2 equations: _____

Name: _____

Find 2 equations hidden in each box. Good luck!

$7 + 5$
 $9 - 6$
 $9 - 1$

14
 3
 6

2
 $1 + 1$

Write 2 equations: _____

3
 9
 $9 + 9$

18
 5

$8 - 2$
 6
 $3 + 4$

Write 2 equations: _____

$4 + 6$
 10
 $8 + 9$

17

$4 + 2$
 14

Write 2 equations: _____

Name: _____

Subtract 1 or 10.

	67
--	----

	84
--	----

45

57

	20
--	----

67

87

	22
--	----

	99
--	----

95

71

Circle the two numbers that make 16.

12	14	2
----	----	---

12	11	5
----	----	---

15	3	9	1
----	---	---	---

3	9	13	2
---	---	----	---

10	8	5	6
----	---	---	---

15	8	3	8
----	---	---	---

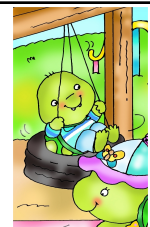
12	7	4	13	15
----	---	---	----	----

5	7	6	9	3
---	---	---	---	---

$$\begin{array}{r} 2 \\ 3 \\ + 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 53 \\ + 15 \\ \hline \end{array}$$



Write the missing sign.

$$10 \quad \underline{\quad} \quad 4 = 14$$

100 more
than 847

$$91 + 3 = \underline{\quad}$$

$$\begin{array}{r} 77 \\ - 71 \\ \hline \end{array}$$

$$49 - 5 = \underline{\quad}$$

Write **sn** or **ch** to complete each word.

_____at _____ild

_____in _____ake

$$\begin{array}{r} 26 \\ - 20 \\ \hline \end{array}$$

Name: _____

Color in the boxes.

16 or 9 = yellow, 18 or 13 = green,

15 or 3 = red

seventeen

What is the hidden number? _____

$9 + 4$	$9 + 7$	$7 + 2$	$9 + 7$	$7 + 2$	$7 + 2$	$9 + 6$
$9 + 7$	$2 + 1$	$9 + 6$	$9 + 4$	$9 + 6$	$9 + 9$	$9 + 7$
$7 + 2$	$9 + 4$	$9 + 4$	$9 + 4$	$9 + 6$	$9 + 9$	$9 + 7$
$2 + 1$	$7 + 2$	$9 + 7$	$9 + 7$	$7 + 2$	$7 + 2$	$9 + 6$
$9 + 7$	$9 + 4$	$2 + 1$	$9 + 9$	$9 + 6$	$9 + 6$	$7 + 2$
$7 + 2$	$9 + 9$	$2 + 1$	$9 + 9$	$9 + 4$	$2 + 1$	$9 + 7$
$2 + 1$	$9 + 7$	$9 + 7$	$7 + 2$	$7 + 2$	$9 + 7$	$9 + 9$

If May 10 is on a Wednesday,
then what day of the week
will May 14 fall on?

Circle the words.

dumpdustuponshiplookssailboatfirst
dollarspokeduststoredumpsailboat
dumpalarmtailminussailboatshippat

Write the final part of the math analogy.

greater than : $>$:: less than :

Explain why you think your answer is correct.

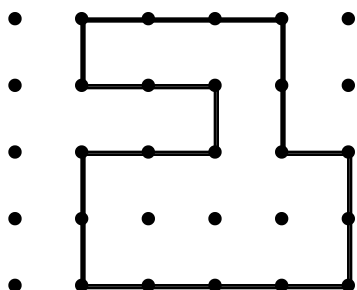
Circle the odd number.

10 1 2 20

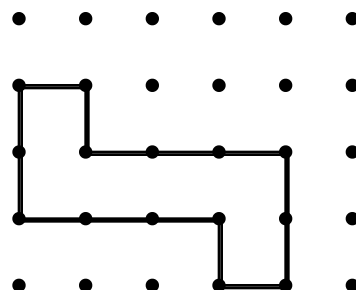
4 12



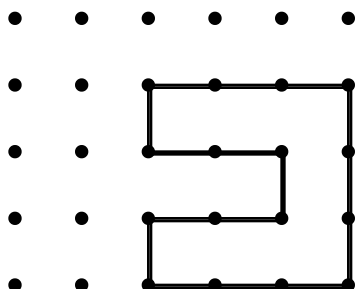
Name: _____



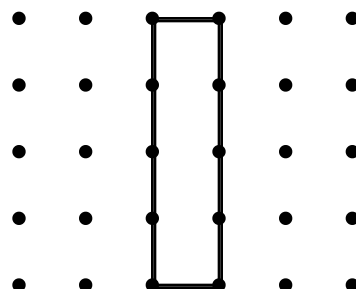
Perimeter =



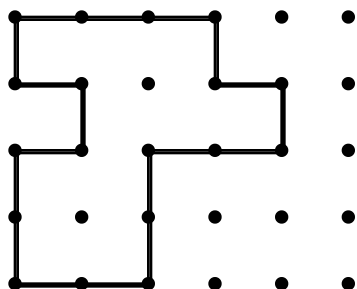
Perimeter =



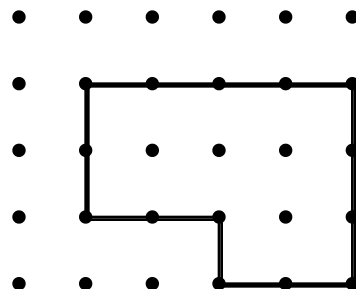
Perimeter =



Perimeter =



Perimeter =



Perimeter =

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 8 in your head

subtract 4

Write the number.

_____ A

imagine 2 in your head

add 5

double it

Write the number.

_____ B _____ C

imagine 8 in your head

double it

subtract 2

Write the number.

_____ D _____ E

imagine 9 in your head

subtract 2

double it

add 8

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?

_____ t _____ n

9 after 11 _____

3 before 16 _____

1 before 19 _____

1 after 16 _____

6 before 14 _____

5 before 17 _____

7 after 19 _____

8 before 11 _____

9 before 13 _____

4 after 12 _____

2 before 18 _____

4 before 12 _____

Name: _____

Complete the pattern.

8 16 24 32 40 48 _____

2 3 4 5 6 7 _____

12 16 20 24 28 32 _____

10 12 14 16 18 20 _____

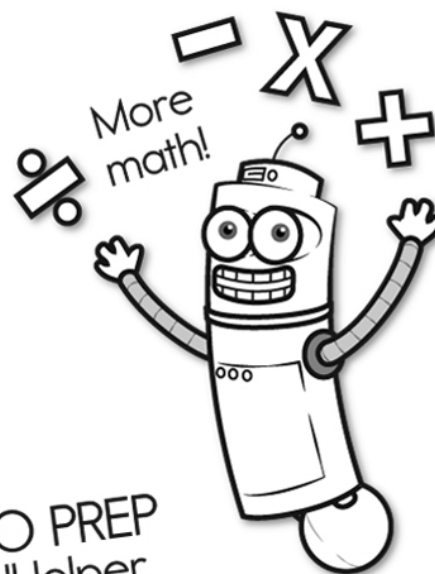
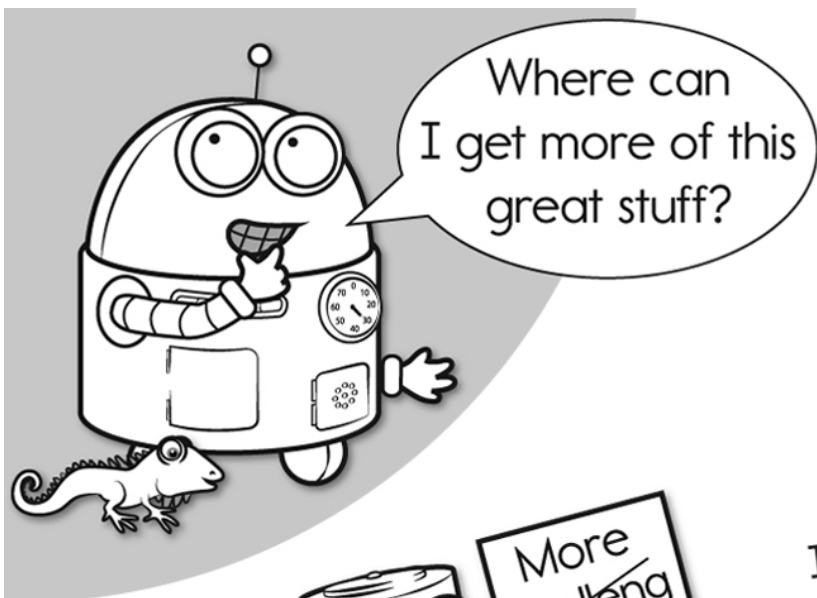
36 45 54 63 72 81 _____

14 21 28 35 42 49 _____

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

word root **duct** can mean **leader**

conduct, conductor

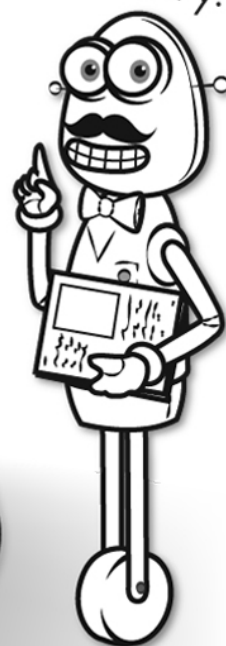


It's NO PREP at edHelper.

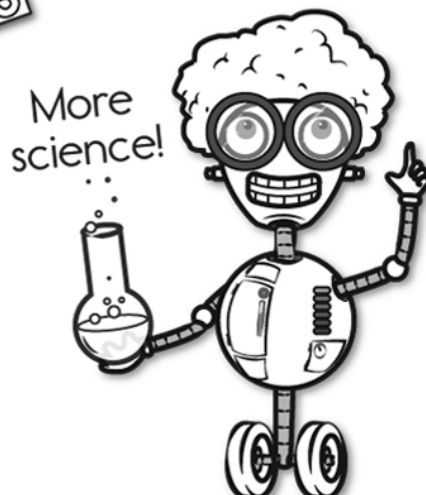
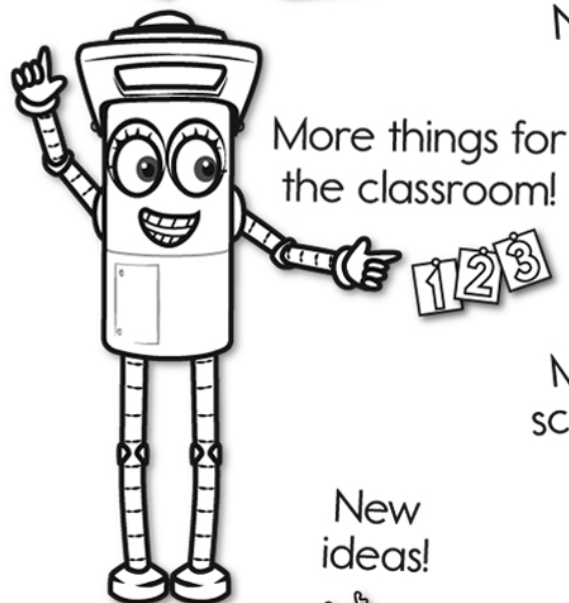
More history!



edHelper.com!



New online math games!



New ideas!



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

More puzzles!

