

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

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

190, 180, 170, 160, 150, 140, 130, 120, \_\_\_\_\_

\_\_\_\_\_, 110, 100, 90, 80, \_\_\_\_\_, \_\_\_\_\_, 50

190, 180, \_\_\_\_\_, \_\_\_\_\_, 150, \_\_\_\_\_, \_\_\_\_\_

Find the missing numbers.

If

$$1, 1 = 2$$

$$2, 2 = 4$$

$$3, 3 = 6$$

$$4, 4 = 8$$

Then

$$5, 5 = ?$$

If

$$3, 3 = 9$$

$$4, 4 = 16$$

$$5, 5 = 25$$

$$6, 6 = 36$$

Then

$$7, 7 = ?$$

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

5, \_\_\_\_\_, 15, 20, 25,  
30

$$\begin{array}{r} 38 \\ - 7 \\ \hline \end{array}$$

Write this number:  
4 hundreds, 5 thousands

double 70

$$39 + 39 + 39 + 39$$

Change this into a  
multiplication problem.

\_\_\_\_\_ x \_\_\_\_\_

$$\begin{array}{r} 36 \\ + 9 \\ \hline \end{array}$$

3 less than 643

double 500

$$6 - 1 + 2 - 5 + 1$$

$$\begin{array}{r} 348 \\ - 25 \\ \hline \end{array}$$

Write this number:  
9 thousands, 2 ones, 5  
hundreds, 8 tens

If you know  
 $79 + 23 = 102$   
Then what is  $79 + 22$ ?

$$7 + 6 - 3 - 3$$

How many hours are there  
from 7 a.m. to 4 p.m.?

$$\begin{array}{r} 177 \\ + 66 \\ \hline \end{array}$$

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

Emma's grandmother is 73 years old. Gavin's grandmother is 85 years old. How much older is Emma's grandmother than Gavin's grandmother?

Porric the Penguin and his friends went fishing. Porric caught 3 fish. Eric caught 7 fish. Dorric caught 5 fish. How many fish did they catch in all?

The cost of lunches for one day for East Elementary School is \$4,623. Round this amount to the nearest hundred dollars.

$$6 - 4 + 6$$

5 more than 365

14, 16, 18, 20, \_\_\_\_\_,  
24, 26, 28

Anna and Sarah are making teddy bears. They will take the teddy bears to the Children's Hospital. Sick children will get the bears. So far they have made 15 bears. They use 2 buttons on each bear's shirt. How many buttons have they used in all?

A fire truck has four wheels. How many wheels are there on three fire trucks?

Anne made a honey cake to take to school. She cut the cake into 5 equal pieces. Then she cut each of the pieces in half. She ate 3 pieces of cake before she took it to school. How many pieces of cake did she take to school?

C, G, K, O, \_\_\_\_\_, W

Write this number:  
3 thousands, 8 ones, 5 tens

Write this number:  
8 ones, 7 thousands, 9 hundreds

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

$$\begin{array}{r} 9,268 \\ + 2,573 \\ \hline \end{array}$$

$$\begin{array}{r} 5,515 \\ - 3,846 \\ \hline \end{array}$$

$$\begin{array}{r} 6,273 \\ + 5,392 \\ \hline \end{array}$$

$$\begin{array}{r} 12,609 \\ - 7,029 \\ \hline \end{array}$$

$$\begin{array}{r} 1,454 \\ + 9,965 \\ \hline \end{array}$$

$$\begin{array}{r} 11,099 \\ - 8,706 \\ \hline \end{array}$$

$$\begin{array}{r} 2,619 \\ + 1,056 \\ \hline \end{array}$$

$$\begin{array}{r} 14,014 \\ - 6,739 \\ \hline \end{array}$$

$$\begin{array}{r} 6,374 \\ + 3,122 \\ \hline \end{array}$$

$$\begin{array}{r} 9,809 \\ - 6,926 \\ \hline \end{array}$$

$$\begin{array}{r} 12,256 \\ - 4,398 \\ \hline \end{array}$$

$$\begin{array}{r} 3,814 \\ + 2,263 \\ \hline \end{array}$$

$$\begin{array}{r} 6,350 \\ + 3,263 \\ \hline \end{array}$$

$$\begin{array}{r} 7,688 \\ + 2,587 \\ \hline \end{array}$$

$$\begin{array}{r} 15,990 \\ - 6,331 \\ \hline \end{array}$$

$$\begin{array}{r} 7,018 \\ - 5,545 \\ \hline \end{array}$$

$$\begin{array}{r} 7,025 \\ - 3,161 \\ \hline \end{array}$$

$$\begin{array}{r} 3,639 \\ + 9,134 \\ \hline \end{array}$$

$$\begin{array}{r} 13,204 \\ - 7,118 \\ \hline \end{array}$$

$$\begin{array}{r} 6,527 \\ - 2,130 \\ \hline \end{array}$$

$$\begin{array}{r} 7,553 \\ + 9,035 \\ \hline \end{array}$$

$$\begin{array}{r} 7,888 \\ + 5,566 \\ \hline \end{array}$$

$$\begin{array}{r} 5,405 \\ + 4,218 \\ \hline \end{array}$$

$$\begin{array}{r} 8,680 \\ - 5,293 \\ \hline \end{array}$$

$$\begin{array}{r} 8,715 \\ - 5,056 \\ \hline \end{array}$$

$$\begin{array}{r} 4,817 \\ + 6,686 \\ \hline \end{array}$$

$$\begin{array}{r} 5,312 \\ + 5,517 \\ \hline \end{array}$$

$$\begin{array}{r} 6,852 \\ - 1,255 \\ \hline \end{array}$$

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

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

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

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

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

$$\begin{array}{r} 25 \\ + 6 \\ \hline \square \end{array}$$

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

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

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

$$\begin{array}{r} 37 \\ - \square \\ \hline \end{array}$$

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

$$27$$

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

Eggs cost \$1.37 for one dozen. How much would it cost to buy two dozen eggs?

The bakery sold some donuts this week. The owner said that the number sold was the least possible number that can be made with the digits 3, 2, 1, and 5. Each digit can be used only once. How many donuts were made?

Emma took home some pictures she drew at school. She found tape to put the pictures on the wall in her room. Each picture needed four pieces of tape. She used 80 inches of tape. Wow! That's a lot of tape. How many pictures did she put up. Oh, wait. You don't have enough information. Each piece of tape was 5 inches.

Can you name the mystery three-digit number?

One of the digits is 6.

If you add the first and the second digits, the sum is 9.

The second digit is 3 more than the first digit.

If you multiply the first and the last digits, the product is 9.

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

Jack had 8 shirts. His mother bought him some new shirts for school. Now he has 10 shirts. How many shirts did his mother buy?

Sarah made a pie. She used 5 apples in the pie. She wants to make 3 pies. How many apples will she need?

Gavin ate 24 ounces of chocolate ice cream. Peter ate 28 ounces of ice cream. How many ounces of ice cream did they eat in all?

Fill in the numbers.

	23		25	
	33	34	35	36
42	43	44	45	46

66	67	68	
		78	79
86		88	

41			
61	62	63	64

	36	37
45		47

		33			
51	52				56
	62				66

	56	57	
		77	
	86		

seventy-four

☐ 76    ☐ 74    ☐ 79

9 tens and 5 ones

☐ 950    ☐ 5    ☐ 95

11:00 a.m. to 1:00 p.m.

☐ 10 hours    ☐ 8 hours

☐ 1 hour    ☐ 2 hours

There were 56 gold leaves on the tree. On Monday 16 leaves fell off the tree. On Tuesday 20 leaves fell off the tree. How many leaves were left on the tree?

6 42

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

The vowels are missing in the word search.  
Fill in the missing vowels and circle the words.

C		P		T		L	D		D
S		S	D			R			
T	R		R	B	M	G	R	S	D
M		T		M		L		D	B
	L		S	T	N	D	N	T	
G	B	T			T	R	G	V	D
T	L		D			T	S	R	R
M	B		L			V			
	B	O	R	P	H	A	N		
S			L		R	C			M

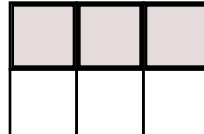
ORPHAN • BEDROOM • LAST  
DURING • CAPITAL • INTO • MUTE  
BELIEVE • SAILOR

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

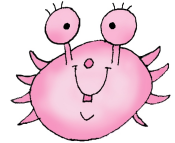
$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$8 \overline{)16}$$

What fraction of the box is shaded?



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



$$\begin{array}{r} 38 \\ + 29 \\ \hline \end{array}$$

- ☐ bery
- ☐ berry
- ☐ bihree
- ☐ berr

Write + or - in the circles.

$$2 \bigcirc 11 \bigcirc 2 = 3 \bigcirc 12 \bigcirc 4$$

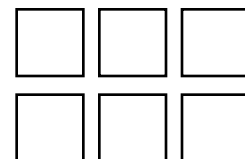
$$8 \bigcirc 5 \bigcirc 12 = 5 \bigcirc 4 \bigcirc 14$$

- ☐ write
- ☐ riit
- ☐ riet
- ☐ writi

$$60 + 10 = \underline{\hspace{2cm}}$$

$$57 - 53 = \underline{\hspace{2cm}}$$

Color in  $\frac{1}{3}$ .



$$14 + \boxed{\phantom{00}} = 21$$

$$17 + \boxed{\phantom{00}} = 32$$

$$2 \times 7 = \boxed{\phantom{00}}$$

$$7 + 7 = \boxed{\phantom{00}}$$

$$3 + 8 = \boxed{\phantom{00}}$$

$$8 - 3 = \boxed{\phantom{00}}$$



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

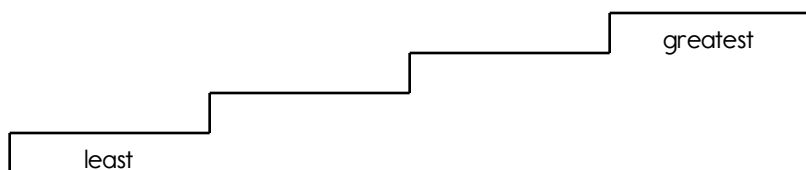
722

707

702

699

Write the numbers in order from least to greatest.



$$\begin{array}{r} 94 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 66 \\ \hline \end{array}$$

$$16 + \boxed{\phantom{00}} = 32$$

Fill in the blanks with  
these numbers:  
**1, 6, 7**

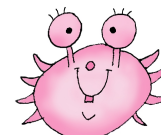
$$\begin{array}{r} \boxed{\phantom{00}} \quad 3 \quad 6 \\ - \quad 3 \quad 6 \quad \boxed{\phantom{00}} \\ \hline 2 \quad \boxed{\phantom{00}} \quad 5 \end{array}$$

Fill in the blanks with  
these numbers:  
**4, 0, 3**

$$\begin{array}{r} 9 \quad 4 \quad \boxed{\phantom{00}} \\ - \quad 6 \quad 1 \quad \boxed{\phantom{00}} \\ \hline 3 \quad \boxed{\phantom{00}} \quad 4 \end{array}$$

$$\begin{array}{r} 3 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$



Write the final part of each math analogy.

10 groups of 6 : 12 groups of 5 :: 9 groups of 4 :

Explain why you think your answer is correct.

5 x 2 x a : 70 :: 9 x 7 x a :

Explain why you think your answer is correct.

Write the correct symbol.

< = >

7,746 ○ 8,746

$$\begin{array}{r} 74 \\ - 26 \\ \hline \end{array}$$

$$89 + 91 = \underline{\hspace{2cm}}$$

word root **de** can mean **down**

**deposit, demolish**

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

$$\begin{array}{r} 17,076 \\ - 7,420 \\ \hline \end{array}$$

$$\begin{array}{r} 1,415 \\ + 5,943 \\ \hline \end{array}$$

$$\begin{array}{r} 1,519 \\ + 2,150 \\ \hline \end{array}$$

$$\begin{array}{r} 5,392 \\ + 5,960 \\ \hline \end{array}$$

$$\begin{array}{r} 9,354 \\ + 6,637 \\ \hline \end{array}$$

$$\begin{array}{r} 11,847 \\ - 7,558 \\ \hline \end{array}$$

$$\begin{array}{r} 9,090 \\ - 6,172 \\ \hline \end{array}$$

$$\begin{array}{r} 15,957 \\ - 6,294 \\ \hline \end{array}$$

$$\begin{array}{r} 9,204 \\ - 6,391 \\ \hline \end{array}$$

$$\begin{array}{r} 11,584 \\ - 9,669 \\ \hline \end{array}$$

$$\begin{array}{r} 3,784 \\ + 3,761 \\ \hline \end{array}$$

$$\begin{array}{r} 12,543 \\ - 4,757 \\ \hline \end{array}$$

$$\begin{array}{r} 8,674 \\ + 2,716 \\ \hline \end{array}$$

$$\begin{array}{r} 7,832 \\ + 2,803 \\ \hline \end{array}$$

$$\begin{array}{r} 10,448 \\ - 9,043 \\ \hline \end{array}$$

$$\begin{array}{r} 8,960 \\ + 5,489 \\ \hline \end{array}$$

$$\begin{array}{r} 5,476 \\ + 5,517 \\ \hline \end{array}$$

$$\begin{array}{r} 12,516 \\ - 4,080 \\ \hline \end{array}$$

$$\begin{array}{r} 8,013 \\ + 6,768 \\ \hline \end{array}$$

$$\begin{array}{r} 9,625 \\ - 7,213 \\ \hline \end{array}$$

$$\begin{array}{r} 12,658 \\ - 2,703 \\ \hline \end{array}$$

$$\begin{array}{r} 10,778 \\ - 4,833 \\ \hline \end{array}$$

$$\begin{array}{r} 2,366 \\ + 5,482 \\ \hline \end{array}$$

$$\begin{array}{r} 8,761 \\ + 4,107 \\ \hline \end{array}$$

$$\begin{array}{r} 9,596 \\ - 3,992 \\ \hline \end{array}$$

$$\begin{array}{r} 6,949 \\ + 2,983 \\ \hline \end{array}$$

$$\begin{array}{r} 16,443 \\ - 8,199 \\ \hline \end{array}$$

$$\begin{array}{r} 4,110 \\ + 3,005 \\ \hline \end{array}$$

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

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

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

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

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

$$\begin{array}{r} + 2 \\ \hline 24 \\ - \square \end{array}$$

$$\begin{array}{r} 16 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 9 \\ \hline 34 \\ + \square \end{array}$$

$$\begin{array}{r} 41 \\ - 9 \\ \hline \square \end{array}$$

$1 \times 1$   
 21  
 $5 + 2$   
 $6 \times 5$   
 11  
 81  
 $5 \times 3$   
 12  
 15  
 64  
 $4 \times 4$   
 $8 \times 8$   
 $4 \times 8$   
 20  
 2

Write 2 equations: \_\_\_\_\_

$2 + 7$

3 13

45

1

9 + 8

$5 + 8$

**6 x 7**

**b**

7

2 x 1

**8 x 7**

1 x 1

Write 2 equations: \_\_\_\_\_

$6 \times 3$

9 x 9

3 x 3

21

**3 x 8**

63

64

3

5 x 9

5 x 5

9

4 + 4

25  
2 + 9

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

Find 2 equations hidden in each box. Good luck!

$25$   
 $7$   
 $17$   
 $5$

$8 + 9$   
 $24$   
 $9 + 7$

$1 \times 9$   
 $6 \times 7$   
 $7 \times 1$   
 $18$

$30$   
 $27$   
 $1 \times 1$

Write 2 equations: \_\_\_\_\_

$9 + 9$   
 $18$   
 $7$   
 $8 + 8$

$1 \times 3$   
 $5 \times 5$   
 $12$

$11$   
 $8 \times 1$   
 $9 \times 7$   
 $6 \times 7$   
 $30$

$8 \times 7$   
 $5$   
 $3 \times 9$   
 $8$

Write 2 equations: \_\_\_\_\_

$42$   
 $63$   
 $11$   
 $1 \times 9$

$1 \times 5$   
 $7 + 4$   
 $8$

$18$   
 $7 \times 3$

$27$   
 $5 + 8$   
 $1 \times 1$   
 $1$

Write 2 equations: \_\_\_\_\_

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

Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

sum of 7 →			sum of 8 →				
	sum of 7 →					sum of 10 ↓	
sum of 10 →			sum of 8 →	3	3	2	
	sum of 8 ↓		sum of 5 ↓	sum of 11 →			
sum of 6 ↓		sum of 10 ↓	sum of 10 →				
			sum of 9 →				
			sum of 3 →				
			sum of 9 →				

sum of 10 ↓			sum of 9 ↓		sum of 8 ↓		
	sum of 9 ↓			sum of 10 →			
		sum of 8 →					
		sum of 9 ↓	sum of 10 ↓			sum of 8 ↓	sum of 5 ↓
sum of 8 →					sum of 6 ↓		
sum of 9 ↓				sum of 6 ↓			
			sum of 4 →	2	2		

$$\begin{array}{r} 258 \\ + 69 \\ \hline \end{array}$$

Write this number:  
3 ones, 2 tens

double 400

2 less than 462

I, K, \_\_\_\_\_, L, K, M, L,  
N, M, O

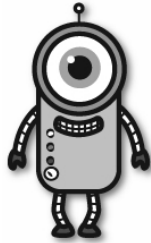
52, 64, 76, \_\_\_\_\_, 100,  
112, 124, 136, 148

If you know  
 $82 + 32 = 114$   
Then what is  $82 + 31$ ?

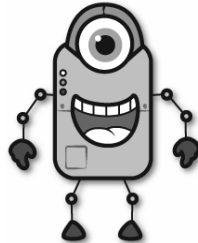
How many hours are there  
from 7 a.m. to 5 p.m.?

$$\begin{array}{r} 38 \\ - 9 \\ \hline \end{array}$$

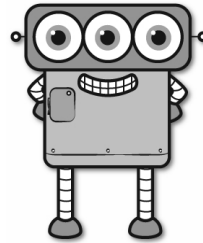
Name: \_\_\_\_\_



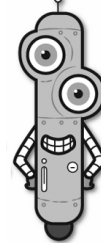
Alex



Lucas



Amy



Maria

73 • 9 • 68 • 60

### Facts

Alex is nine years old.

Lucas is fifty-one years older than Alex.

Amy is fifty-nine years older than Alex.

Maria is thirteen years older than Lucas.

How old is Alex? \_\_\_\_\_

How old is Lucas? \_\_\_\_\_

How old is Amy? \_\_\_\_\_

How old is Maria? \_\_\_\_\_

Which number is three thousand, two hundred forty-seven?

3,247      47,203

32,470      7,432

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

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



$$\begin{array}{r} 89 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 10 \\ \hline \end{array}$$

11 +  = 23

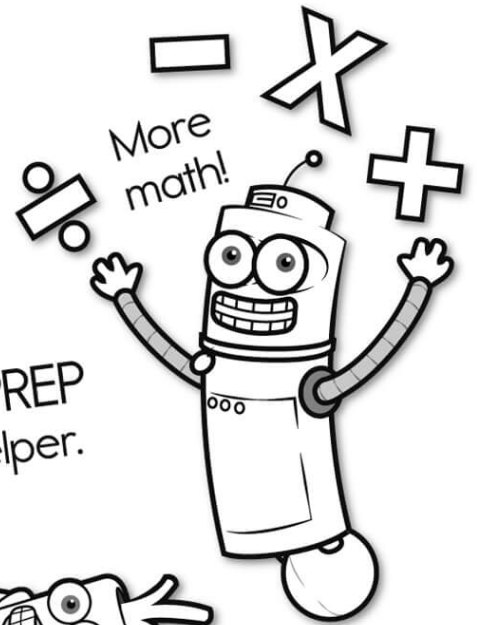
24 +  = 26

7 +  = 9

13 +  = 37

11 +  = 33

22 +  = 29



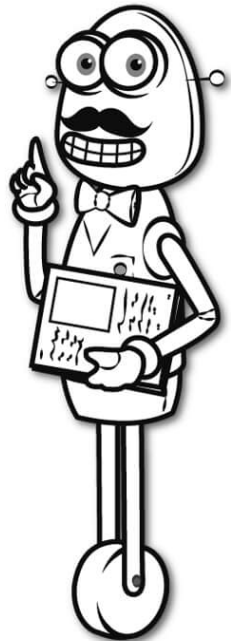
It's NO PREP  
at edHelper.



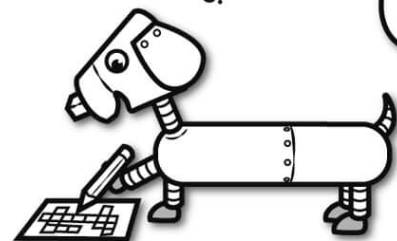
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**only \$19.99  
per year**

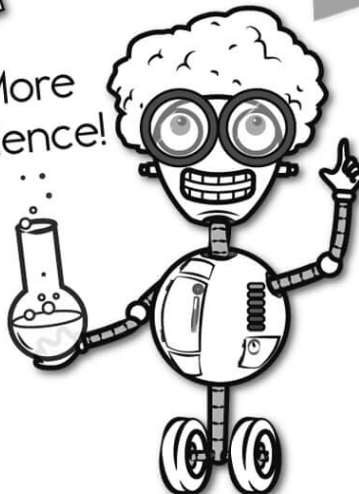
More  
history!



More  
puzzles!



More  
science!



New  
ideas!



Things for the  
classroom!





