

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.
Then write the correct answer!

$$\text{😊} + \text{😊} + \text{😊} = 45$$

$$\text{😄} + \text{😊} = 28$$

$$\text{😄} + \text{😊} + 1 = 29$$

$$\text{😊} - \text{😄} = \underline{\hspace{2cm}}$$

$$\text{😊} = \underline{\hspace{2cm}} \quad \text{😄} = \underline{\hspace{2cm}}$$

2 before 17 _____

6 after 18 _____

2 after 12 _____

7 before 11 _____

5 after 19 _____

8 after 11 _____

6 before 19 _____

4 after 13 _____

1 after 16 _____

5 before 13 _____

7 after 17 _____

9 after 14 _____

8 before 16 _____

3 after 15 _____

6 after 14 _____

1 before 47 _____

4 after 40 _____

9 after 84 _____

Name: _____

$$15 \overline{) 825}$$

$$40 \overline{) 200}$$

$$20 \overline{) 300}$$

$$11 \overline{) 792}$$

$$60 \overline{) 360}$$

$$84 \overline{) 1008}$$

$$12 \overline{) 648}$$

$$21 \overline{) 336}$$

$$11 \overline{) 330}$$

$$35 \overline{) 280}$$

$$21 \overline{) 378}$$

$$2 \overline{) 16}$$

Write as a decimal.

$$7 \frac{68}{100}$$

Write as a decimal.

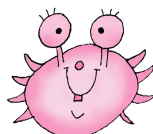
$$14 \frac{8}{10}$$

Write as a decimal.
Seventeen and fifteen
hundredths

Pam bought a pack of six
waters. It cost \$3.42. How
much did each water cost?

Round 1687 to the nearest
hundred.

Is 39 a composite or a
prime number?



Name: _____

Each of the first grade students in Mason City wrote three letters to Santa Claus. There are 19 students in each class and 25 first grade classes in Mason City. How many first grade students wrote letters to Santa Claus?

Mr. Thompson notarized 4 deeds today. If he notarized the same number every day, how many deeds will he notarize in 8 days?

A number less than 9 has some factors. Two of its factors are 4 and 2. Can you name at least one number that fits this?

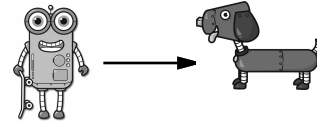
Hannah needs to buy water for the cafeteria.

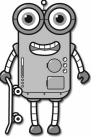
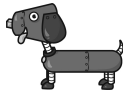
"Can you please pick up 97 quarts of water?" asked the principal.

When Hannah got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

Name: _____

Help Robot find Rover. Make a path of increasing products. You can only move to a box with a larger product. Draw a line to show your path.



	$\begin{array}{r} 50 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 6 \\ \hline \end{array}$
$\begin{array}{r} 28 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 8 \\ \hline \end{array}$
$\begin{array}{r} 28 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 33 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ \times 7 \\ \hline \end{array}$
$\begin{array}{r} 31 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ \times 7 \\ \hline \end{array}$
$\begin{array}{r} 20 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ \times 9 \\ \hline \end{array}$
$\begin{array}{r} 46 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ \times 5 \\ \hline \end{array}$
$\begin{array}{r} 49 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ \times 5 \\ \hline \end{array}$
$\begin{array}{r} 42 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 5 \\ \hline \end{array}$	

Name: _____

<p>Sara hit a home run on Thursday, April 9. She hit another home run on April 24. On what day of the week did she hit that home run?</p>	<p>Jack helped his mother make a pie. They made a pumpkin pie. First they made the crust. Next they made the filling. Then they poured the filling into the crust. Finally they baked the pie. They started making the pie at 2:33 p.m. The pie was finished at 4:16 p.m. How long did it take them to make the pie?</p>	<p>Jacob made a display for the school library. It was about recycling. He used three sheets of poster board for the display. He bought the poster board at Fred's Art Supplies. It cost \$1.25 for the three sheets. He gave the clerk \$5. How much change did he get?</p>
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<p>Write a word problem for $3 + 4 = 7$.</p>	<p>Write two odd numbers that when added together equal the even number 16.</p> <p>_____</p>
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<p>If twenty crayons are divided into ten equal rows, how many crayons are in each row?</p> <p>_____</p>	<p>Round the number to the place value of the BIG number.</p> <p>928,184</p> <p>_____</p>
<p>$77 - 8 =$ _____</p>	<p>How many days are in April?</p> <p>_____</p>

$$\begin{array}{r} 98 \\ - 81 \\ \hline \end{array}$$

Name: _____

Do you use A.M. or P.M. to write 7:00 in the evening?

Make a pattern.

Start with 63.

Add 11.

_____, _____, _____, _____, _____, _____

Fill in the boxes so each line equals 10.

10

2

x

20

÷

-

2

+

3

x

(

3

+

-

Round 954 to the nearest hundred.

$$\begin{array}{r} 94 \\ - 28 \\ \hline \end{array}$$

Fill in the missing fraction.

$$\frac{1}{5}, \frac{2}{5}, \underline{\hspace{1cm}}, \frac{4}{5}$$



Fill in the blanks with these numbers:

2, 1, 2

1

2

+

5

0

9

Fill in the blanks with these numbers:

9, 7, 6

1

2

3

1

+


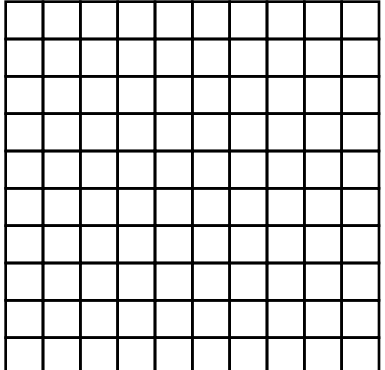
3

List the first four multiples of 8.


What is the value of the 9 in 96?

Name: _____

What are 22 tens equal to? _____	How many hours are in two days? _____	$\begin{array}{r} 4 \\ 6 \\ + 20 \\ \hline \end{array}$
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$78 - 11 =$ _____ 	Write an even number with a nine in the hundreds place. _____	Color $\frac{69}{100}$. 
--	--	---

What are 10 _____ equal to? _____	How many inches are in one foot? _____	$\begin{array}{r} 40 \\ + 90 \\ \hline \end{array}$
--------------------------------------	---	---

What temperature is twenty-two degrees above freezing in Celsius? _____	Write a fraction to represent what is shaded. 
--	--

If $j = 14$, then what does $j - 1$ equal? _____	Fill in the blanks with these numbers: 1, 5, 4	Fill in the blanks with these numbers: 8, 2, 6
	$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ - 9 \\ \hline \end{array}$
If you add 8 to me, the sum is 58. What number am I? _____		

Name: _____

$$\begin{array}{r} 67 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 141 \\ - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 184 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 93 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 114 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 173 \\ - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 151 \\ - 83 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 136 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 164 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 117 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 89 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 144 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 23 \\ \hline \end{array}$$

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

$$\begin{array}{r} 154 \\ - 74 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 72 \\ \hline \end{array}$$

$$\begin{array}{r} 192 \\ - 96 \\ \hline \end{array}$$

$$\begin{array}{r} 163 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 89 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + \square \\ \hline 29 \\ + 5 \\ \hline \end{array}$$

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

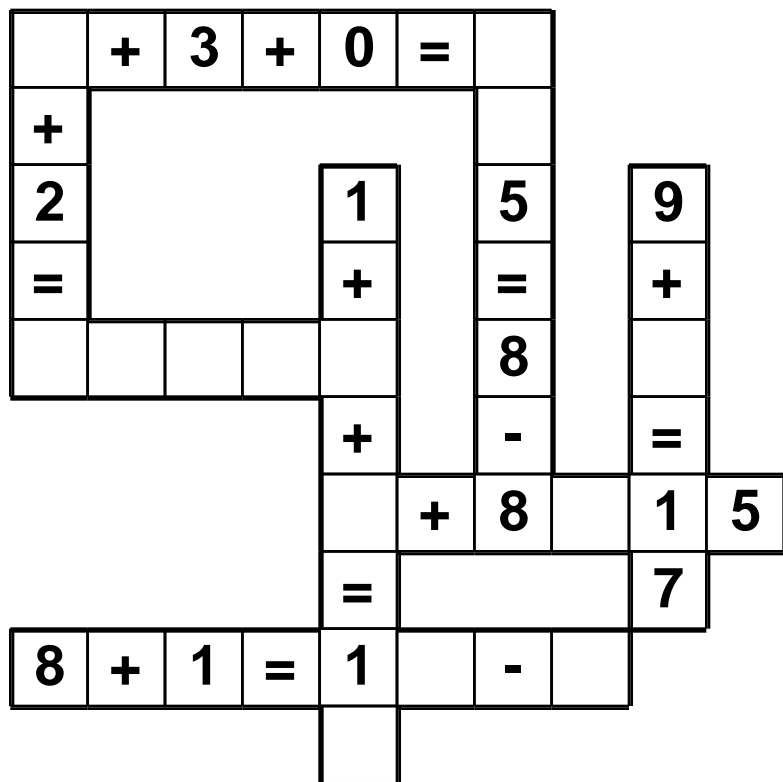
$$\begin{array}{r} \square \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 2 \\ \hline 25 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ - \square \\ \hline 24 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \end{array}$$

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

[illegible]

- ☐ flayvur
- ☐ fliyver
- ☐ flavor
- ☐ flaver

471	417	741
495	449	542

$$\begin{array}{r} 85 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 67 \\ \hline \end{array}$$

Name: _____

$77 - 58 = \underline{\hspace{2cm}}$

$2 + 9 + 4 = \underline{\hspace{2cm}}$

$\begin{array}{r} 3,437 \\ + 9,850 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>	$\begin{array}{r} 8,741 \\ + 2,263 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>
--	--

$70 \div 10 = \underline{\hspace{2cm}}$

$6,050 - 4,917 = \underline{\hspace{2cm}}$

$16 - 4 = \underline{\hspace{2cm}}$

$14 - 5 = \underline{\hspace{2cm}}$

$5 + \underline{\hspace{2cm}} = 14$

$25 + 6 = \underline{\hspace{2cm}}$

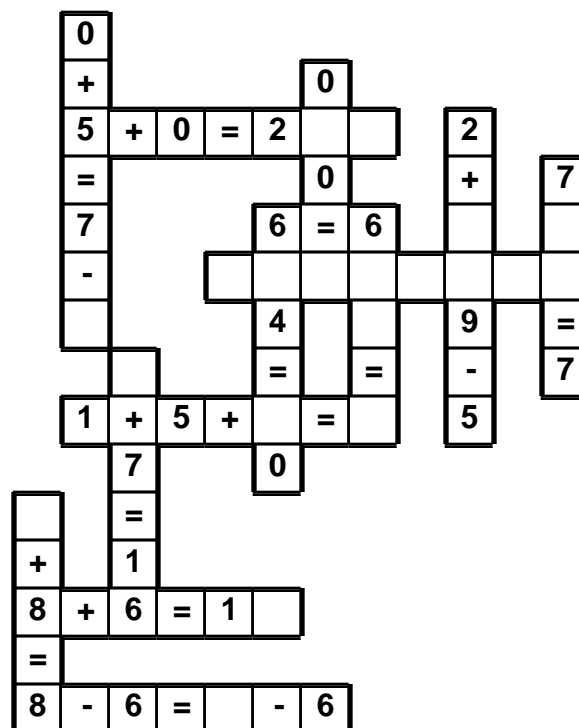
$\begin{array}{r} 17 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ + 3 \\ \hline \end{array}$
--	--	--

$8 + 2 = \underline{\hspace{2cm}}$

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

+ • 3 • 2 • + • 2 • + • 0 • + • 8 • = • 1 • 0 • 2 • 1 • 9 • 1 • 7
0 • 4 • 8

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



Name: _____

$$42 - 14 = \underline{\hspace{2cm}}$$

$$17 + 52 = \underline{\hspace{2cm}}$$

$$7 \times 4 = \underline{\hspace{2cm}}$$

$$554 + 932 = \underline{\hspace{2cm}}$$

$\begin{array}{r} 841 \\ - 266 \\ \hline \end{array}$	$\begin{array}{r} 985 \\ - 315 \\ \hline \end{array}$	$\begin{array}{r} 915 \\ - 878 \\ \hline \end{array}$
<div style="border: 1px solid black; width: 80px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 30px; margin: 0 auto;"></div>

$$254 - 160 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 4,441 \\ - 1,704 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7,106 \\ - 3,972 \\ \hline \end{array}$$

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

$$\begin{array}{r} 784 \\ + 616 \\ \hline \end{array}$$

$$\begin{array}{r} 815 \\ + 881 \\ \hline \end{array}$$

$$\begin{array}{r} 576 \\ + 627 \\ \hline \end{array}$$

Write half of each of the following.

40 cards 20 cards

22 marbles _____

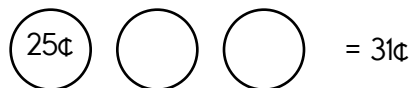
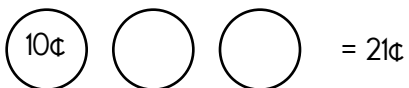
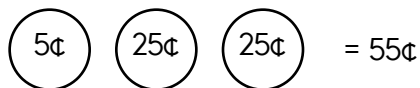
400 crayons _____

340 kids _____

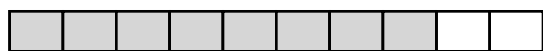
320 pennies _____

240 apples _____

Draw the missing coins.

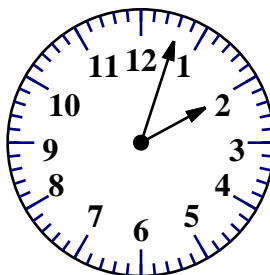


Write the shaded part as a decimal.

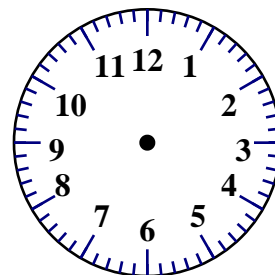


Fill in the missing fraction.

$$\frac{3}{9} , \underline{\hspace{1cm}} , \frac{5}{9} , \frac{6}{9}$$



current time



5 minutes later

Name: _____

Amanda is a server at Michelle's. On Monday she worked 4.6 hours. On the other four days of the week she worked 4.8, 5.7, 6, and 7 hours. How many hours did she work in all?

Emma has 21 long books and 18 short books. How many books does she have in all?

Mr. Taylor has a new truck. He drove it 3.18 miles to the car wash. Then he drove it 2.31 miles to the grocery store. Finally he drove 3.36 miles home. How many miles did he drive in all?

Name: _____

$9 \times 10 = 90$	$4 \times 10 = 40$	$6 \times 5 = 30$	$10 \times 7 = 70$	$9 \times 8 = 72$
$10 \times 9 = \underline{\quad}$	$\underline{\quad} \times 4 = 40$	$5 \times \underline{\quad} = 30$	$7 \times \underline{\quad} = 70$	$8 \times 9 = \underline{\quad}$
$9 \times \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times 10 = \underline{\quad}$	$\underline{\quad} \times 6 = \underline{\quad}$	$\underline{\quad} \times 10 = \underline{\quad}$	$8 \times \underline{\quad} = \underline{\quad}$
$10 \times 9 = 90$	$10 \times 4 = 40$	$6 \times 5 = 30$	$10 \times 7 = 70$	$9 \times 8 = 72$

Multiply.

$6 \times 5 = \square$	$6 \times 5 = \square$	$7 \times 10 = \square$	$7 \times 10 = \square$	$4 \times 10 = \square$
$4 \times 10 = \square$	$7 \times 10 = \square$	$10 \times 9 = \square$	$6 \times 5 = \square$	$6 \times 5 = \square$
$10 \times 9 = \square$	$8 \times 9 = \square$	$4 \times 10 = \square$	$4 \times 10 = \square$	$8 \times 9 = \square$
$6 \times 5 = \square$	$4 \times 10 = \square$	$8 \times 9 = \square$	$7 \times 10 = \square$	$8 \times 9 = \square$

$6 \times 4 = 24$	$5 \times 5 = 25$	$2 \times 12 = 24$	$9 \times 11 = 99$
$4 \times 6 = \square$	$5 \times 5 = \square$	$2 \times 12 = \square$	$9 \times 11 = \square$
$4 \times 6 = \square$	$5 \times 5 = \square$	$2 \times 12 = \square$	$9 \times 11 = \square$
$5 \times 5 = \square$	$12 \times 2 = \square$	$5 \times 5 = \square$	$9 \times 11 = \square$
$4 \times 6 = \square$	$12 \times 2 = \square$	$9 \times 11 = \square$	$9 \times 11 = \square$
$12 \times 2 = \square$	$9 \times 11 = \square$	$9 \times 11 = \square$	$12 \times 2 = \square$
$4 \times 6 = \square$	$4 \times 6 = \square$	$5 \times 5 = \square$	$4 \times 6 = \square$

$10 \times 11 =$

$4 \times 4 =$

$10 \times 9 =$

$7 \times 6 =$

$9 \times 2 =$

$3 \times 7 = \quad 3 \times 2 = \quad 9 \times 12 = \quad 10 \times 6 = \quad 1 \times 12 =$

Name: _____

Jonathan, David, Joshua, and Jose each have one brother (Zachary, Luis, Samuel, and Michael) and one sister (Hannah, Emily, Megan, and Emma).

Who is each person's brother and sister?

1. Jonathan is younger than his sister Emily.
2. Jonathan played with his brother Michael outside.
3. Jonathan invited Hannah and Emma over to his family's house for dinner.
4. David played with his brother Samuel outside.
5. Jose's sister and Hannah were talking on the phone. They are not in the same family.
6. Joshua is younger than his sister Emma.
7. Joshua went to the mall with his sister, but not with his brother. Zachary and Samuel went with Joshua as well.

Jonathan's brother is _____ and Jonathan's sister is _____.

David's brother is _____ and David's sister is _____.

Joshua's brother is _____ and Joshua's sister is _____.

Jose's brother is _____ and Jose's sister is _____.

Is 43 a composite or a prime number?

$$\underline{\hspace{1cm}} \div 5 = 4$$

How many total legs are on 15 owls?

triple 53 =

$$20 \div 5 =$$

$$2 + 12 + 11$$

Name: _____

Cross off the number that does NOT belong.

47, 34, 56, 37, 65, 40, 60, 74, 43, 83, 46, 92, 49, 101, 52

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong. Hint: Look at movement of digits!

1158, 1581, 5811, 8115, 1158, 1581, 5811, 8115,

1158, 1581, 1581, 5811, 8115, 1158, 1581

Why does _____ not belong in the pattern?

Name: _____

Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 6.

Here is an example of a sudoku sum of 6:

3	3
---	---

				6	1
			4		
6					3
1		4			
	3			2	

Emma has \$52. She wants to buy something that costs \$97. How much more does she need?

$$(3 + 9) + 6$$

Find the product of 9 and 2.

$$20 + \underline{\quad} + 22 = 59$$

How many tens are in the number 30?

$$(9 + 7) \times 12$$

Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

$1, 9 = 10$

$2, 14 = 16$

$3, 16 = 19$

$4, 18 = 22$

Then

$5, 23 = ?$

If

$7, 7 = 14$

$8, 12 = 20$

$9, 16 = 25$

$10, 18 = 28$

Then

$11, 23 = ?$

Complete each pattern. Write what the rule is.

192	176	160
144		112
96	80	
48		16

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.
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:

4	3
---	---

			6		
6				1	5
		5			
1	4				
4					
	2				3

Name the shape with four sides and four angles.

In the parking lot there are 14 vehicles. There are 3 SUVs. What fraction of the vehicles are not SUVs?

Write the least possible 4-digit number without repeating any numbers.

Is spectator a composite or a prime number?

$$536 + 7 =$$

$$45 \div \underline{\quad} = 9$$

Name: _____

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

13, 15, _____, _____, 21, 23, 25, 27, 29, 31

11, 13, 15, _____, 19, 21, 23, _____

9, _____, _____, 15, 17, 19, 21, _____, 25, 27

Complete each pattern. Write what the rule is.

38, 42, 47, 53, 60, 68, 77, 87, 98, 110, 123, _____

41, 45, 50, 56, 63, _____, _____, 90, 101, _____, _____, 140, 155, 171

17, _____, _____, 32, _____, _____, 56, 66, 77, 89, 102, 116

Name: _____

This week, from Sunday until Wednesday, the school drama team sold adult and student tickets to their play. The person in charge of selling the tickets kept a record of the number of adult and student tickets sold on each day. However, she forgot which day the tickets were actually sold. She knows how many adult tickets were sold (twenty-five, thirty, eleven, and thirteen tickets) and how many student tickets were sold (forty-five, thirty, twenty-one, and fifty-four).

Figure out how many student and adult tickets were sold on each day.

1. An odd number of adult tickets and an odd number of student tickets were sold on Wednesday.
2. A prime number of adult seats was sold on Wednesday.
3. The least common multiple of the number of adult seats sold on Monday and Sunday is three hundred ninety.
4. The greatest common factor of the number of student seats sold on Sunday and Tuesday is fifteen.

On Sunday a total of _____ adult tickets and _____ student tickets were sold.

On Monday a total of _____ adult tickets and _____ student tickets were sold.

On Tuesday a total of _____ adult tickets and _____ student tickets were sold.

On Wednesday a total of _____ adult tickets and _____ student tickets were sold.

You have a playdate in 120 minutes. How many hours is that?

You need to add what to 48 to get 55?

Sara has 55 books. She organized them equally into 5 boxes. How many books in each box?

Write a 4-digit odd number.

How many tens are in the number 63,000?

The number 45 is more than the number 6 by how much?

Name: _____

Jose, Alexandra, Alyssa, and Emma counted the number of pennies that they saved. Each person had a different number of pennies. One has six hundred sixty-five pennies, one has two hundred ninety-three pennies, one has one hundred ten pennies, and one has eight hundred thirty-nine pennies

How many pennies does each person have?

1. For the number of pennies that Jose has, the ones place is less than the tens.
2. Among the number of pennies that everyone has, Alexandra's total has the largest number in the hundreds place.
3. Among the number of pennies that everyone has, Emma's total has the smallest number in the tens place.
4. The sum of the hundreds and ones place in the number of pennies that Alyssa has is eleven.

Jose has _____ pennies.

Alexandra has _____ pennies.

Alyssa has _____ pennies.

Emma has _____ pennies.

15, 20, 25, 30, 35,
_____, 45, 50, 55

What is 14 less than 999?

$$2 + (4 \times 11)$$

Write the number that has exactly 8 millions.

$$28 \div 4 =$$

How many total legs are on 5 elephants and 3 chickens?

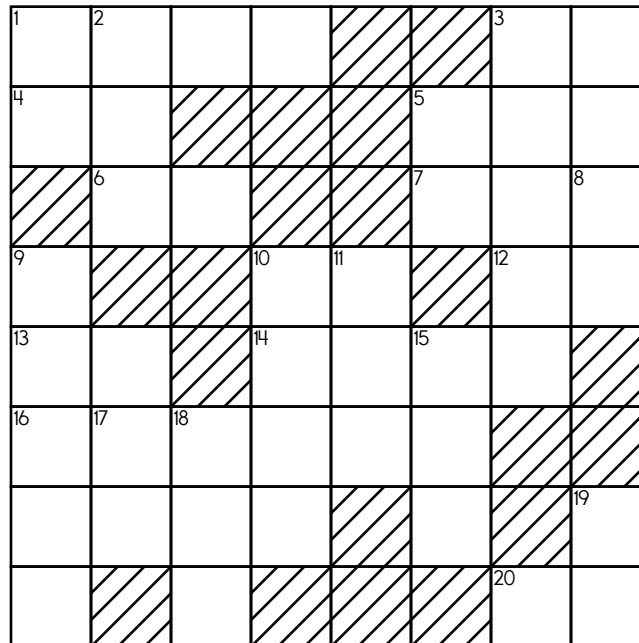
Name: _____

ACROSS

DOWN

2. 7-Across plus 15-Down
3. Six more than 17-Down
4. Seven more than 9-Across
5. 7-Across plus 2-Across
6. Five less than 12-Down
7. 12-Across plus 14-Down
9. $6 + 6 = 2 \times \underline{\hspace{1cm}}$
10. Two less than 4-Across
12. Eight more than 6-Across
13. Eight more than 8-Down

1. Two less than 12-Across
8. 12-Down plus 12-Across
11. Three times 12-Across
12. Nickels in two dollars
14. Five less than 15-Down
15. Eight times 6-Across
16. Three more than 7-Across
17. Two times 12-Down
18. One less than 11-Down
19. Three more than 12-Down
20. Eight less than 10-Across



Write a word problem for
 $4 + 2 = 6$.

Which is smaller, $\frac{1}{5}$ or $\frac{4}{5}$?

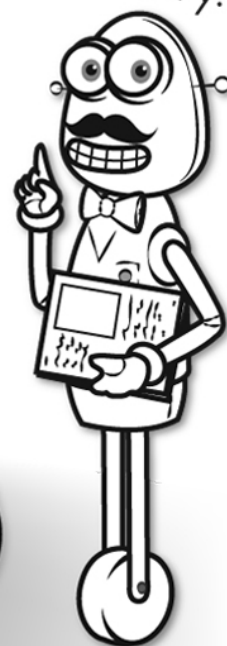
Choose the word that best completes
the sentence.

I (may/can) jump rope 100 times
without missing once!



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x
+ =
- ÷
< >

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