Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

$9 + 1 \times 9 \times 3 + 4 =$ _____

$5 \times (2 + 3) =$ _____

$5 \times 4 - 7 - 6 =$ _____

$8 - 5 + 4 \times 12 =$ _____

$1 + 1 \times 7 - 6 \times 1 =$ _____

$9 \times (11 - 9) =$ _____

$1 \times 2 + 6 - 5 + 5 \times (7 + 9) =$ _____

$2 \times 2 + 6 =$ _____

$4 - 3 + 6 \times 5 + 6 =$ _____

$3 + 6 + 12 =$ _____

$8 + 20 \div 5 + 16 \div 8 =$ _____

$2 \times 11 - 12 =$ _____

$6 - 1 - 5 + 18 \div 3 =$ _____

$12 \times (12 - 3) + 9 =$ _____

$6 \times 2 + 21 \div 7 \times (4 + 4) =$ _____

$12 + 8 - 9 =$ _____

$2 + 3 + 6 \times 7 + 4 =$ _____

$4 + 10 + 3 =$ _____

$8 - 6 + 1 \times 9 =$ _____

$8 \times 3 + 6 =$ _____

$1 + 8 \times 7 \times 3 \times 1 =$ _____

$11 + (11 - 2) =$ _____

$7 \times 9 + 5 \times 5 + 7 - 8 =$ _____

$11 \times 2 - 9 =$ _____

$6 - 3 - 2 + 44 \div 11 \times (9 \times 3) =$ _____

$1 \times (9 \times 10) =$ _____

$9 + (81 \div 9 - 4) + 8 =$ _____

$1 \times 2 + 3 =$ _____

$5 + 8 + 5 \times 8 =$ _____

$1 \times (9 + 11) =$ _____

$1 \times 1 \times 8 + 96 \div 12 =$ _____

$12 + 9 \times 9 =$ _____

$2 \times 2 \times 5 + 9 =$ _____

Name: _____

2500 - 7411 =

$$
\begin{array}{r}
8\ 0\ 2 \\
-\ \ \ \ 1\ 2 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
9\ 6\ 5 \\
-\ 5\ 6\ 5 \\
\hline
\end{array}
$$

$10\ +\ \dfrac{7}{9}\ +\ \dfrac{1}{3}\ =$

Write the reciprocal.
14

Write the reciprocal.

$\dfrac{3}{5}$

Write the decimal number for:

three hundred sixty-nine and sixty ten-thousandths

Write the decimal number for:

four hundredths

100 x 11.1 =

7.04 x 10,000 =

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

$$
\begin{array}{r}
1\ 4\ .\ 6 \\
+\ \ \ 2\ .\ 6\ 4 \\
\hline
\end{array}
$$

Change $\dfrac{13}{25}$ to a decimal.

$0.18\overline{)0.6\ 9\ 6\ 6}$

$3\overline{)1.7\ 7}$

Name: _____

Last summer Max worked at Cherry Farms packing tomatoes into boxes. He packed 24 tomatoes in each box and packed 10 boxes per crate. At the end of his first day of work he had 3 crates, 10 boxes, and 11 loose tomatoes. How many tomatoes did he have when he started?

A dive team was operating on the site of a wrecked submarine off the coast of New Jersey. The equipment they were using allowed them to go as deep as 110 feet. The submarine was at a depth of 78 feet. Some of the dive team had headed back to the surface because their air supply was running low. If they were 50 feet above the submarine, how far did they have to go to get to the surface?

If you take the first number and subtract it by the second, the difference is 29.

What are the two numbers?

Find 35% of 738.

Change to a percent.

$$\frac{9}{100}$$

Change to a decimal.
7%

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 4 in your head	imagine 4 in your head	imagine 9 in your head	imagine 9 in your head
add 8	multiply 7	double it	add 5
subtract 9	add 1	subtract 6	double it
	add 8	subtract 8	add 1
	add 3	add 4	subtract 9
	add 2		
			Add the tens digit to the ones digit.
Write the number.	Write the ones digit.	Write the number.	Write the sum.
____	____	____	____
A	B	C	D

What is the sum?

A + B + C + D

____ ____

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

____ ____ ____ t ____ e n

8 after 14 _____   8 before 13 _____   5 after 15 _____

6 after 19 _____   2 before 11 _____   9 after 17 _____

1 after 16 _____   6 before 19 _____   4 after 11 _____

Name: _____

Miss Brown drove 345.4 miles from her home in Park City to Atlanta, Georgia, to visit the Coca-Cola Museum and visit with her grandmother. Then she drove 279.7 miles to visit her cousin in Dellwood. From Dellwood it was another 174.5 miles back to Park City. How many miles did she drive in all?

At the St. Patrick's Day party, sandwiches and drinks were served. Each guest could choose a corned beef, ham, or fish sandwich and coffee, tea, or lemonade. If each guest can have one sandwich and one drink, how many different combinations are there to choose from?

Emma used a rectangular glass container to make a terrarium on Quiet Day. The container is 4 feet x 1.3 feet x $\frac{3}{8}$ feet. She will fill $\frac{1}{2}$ of it with dirt. How many cubic feet of dirt will she need?

37,279 + 65,914 = _____

Write an equation to represent this:

The sum of eleven and six is seventeen.

_____

Anna likes to change numbers into a secret letter form. Anna changed the number 6,979 to TTTT. Anna changed the number 71,938 to TTTTT. Anna changed the number 25 to TT. Anna changed the number 855,148 to TTTTTT. How do you think she would change the number 771?

_____

Write this as a number in standard form. Use a comma in your number.

four hundred sixty-two thousand, eighty-one

_____

1 cm = 10 mm

29 cm = _____ mm

```
  2 5 9
+ 4 4 4
-------
```

Name: _____

How many dimes make $1.90?

$12 \div 6 =$ _____

What time is 14 hours after 4:00 p.m.?

_____

$8 \times 7 =$ _____

```
  4 5 3
- 2 9 9
```

Jenna and her little sister, Rose, both have birthdays on the same day. Jenna is fourteen years old. Rose is ten years old. Did you know that Jenna was once double the age of Rose? How many years ago was that?

$6 \times 9 =$

```
  4 4
+ 4 5
```

```
  3 9
- 2 4
```

$55 \div 5 =$

Three girls ran a race.
Sarah ran past Megan in the race and Megan never caught up.
Rose was not as fast as Sarah. Who won the race? Do you have enough information to know?

$84,974 - 14,748 =$ _____

$12 \times 7 =$ _____

$5 \times 3 =$

How many pounds are in 32 ounces?

_____ pounds

For 3,618,151,441,649, write the digit that is in the ten thousands place.

_____
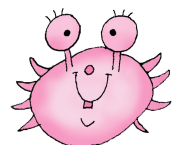
Name: _____

7 kg = _____ g

Anne is a family friend. She will be picking you up from school and driving you to a pizza place. Where should she go? Write instructions to explain how she could get there and where you will be going.

9 x 11 = _____

11 x 5 =

12 x 2 = _____

Write the missing family fact.

51 + 86 = 137
86 + 51 = 137
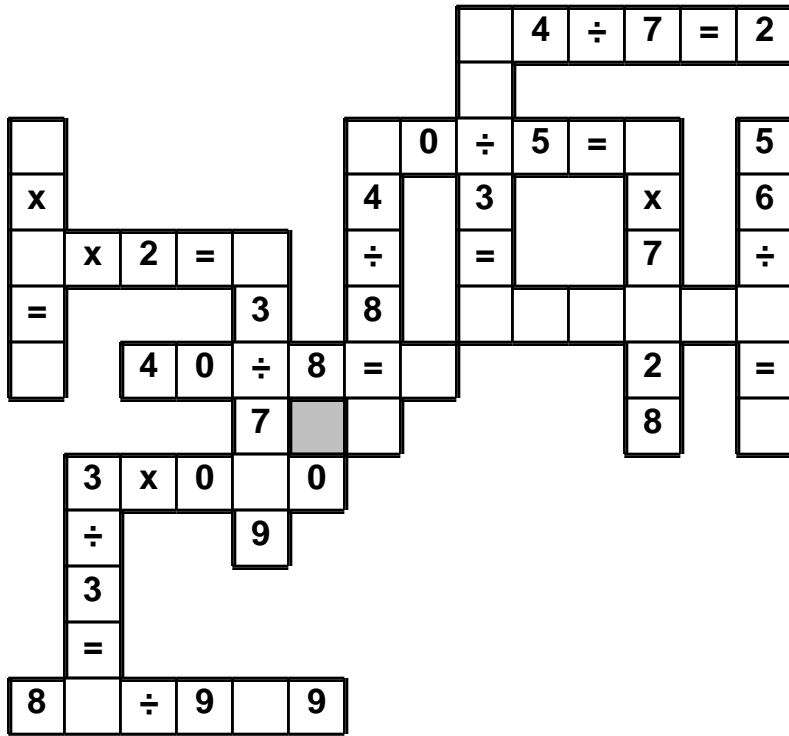137 - 86 = 51

_____

84 ÷ 7 = _____

30 ÷ 3 =

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 4, 7, 8, and 7. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

(9 + 8) + 6 =

56 ÷ 7 = _____

What should replace the G in this equation?

34 ÷ G + 25 = 27

2 x 8 = _____   11 x 2 = _____

7 x 2 = _____

Name: _____

1 • 8 • 2 • 2 • 4 • 3 • 6 • 6 • x • 8 • = • 4 • 8 • 6 • 5 • 3
7 • = • 1 • =

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

			4	÷	7	=	2	
		0	÷	5	=		5	
x		4	3		x	6		
x 2 =		÷	=		7	÷		
=		3	8					
4 0 ÷ 8 =				2	=			
7				8				
3 x 0	0							
÷	9							
3								
=								
8	÷ 9	9						

Ava got a new soccer shirt. Can you guess the number on the back of her shirt?

It has two digits.
The digits add up to 9.
The larger digit is 7 more than the smaller digit.
The number is even.

8 x 10 = _____

4 x 11 = _____

9% of 100 is 9.
9% of 200 is 18.
9% of 500 is 45.

What is 9% of 700?

word root **sym** can mean **together**   sympathy, symbol

Name: _____

| = • 7 • 7 • + • 8 • 4 • 3 • 3 • 2 • 0 • 4 • 1 • + • 5 • 5 • 3 |
| = • 7 • - • ÷ |

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

					6	3	÷	7		9
8	x		=	5	6			x		6
		2	+	6		0	=			x
x							=			0
9			x	1	=		5			=
=		+		1		0	x	6	=	
6	3	9		0			2			
3	+		=	4			=			
		1	-	8	=		+	4		
=		2		x						
8				0						
				=						
0		3	0		5	=	6			
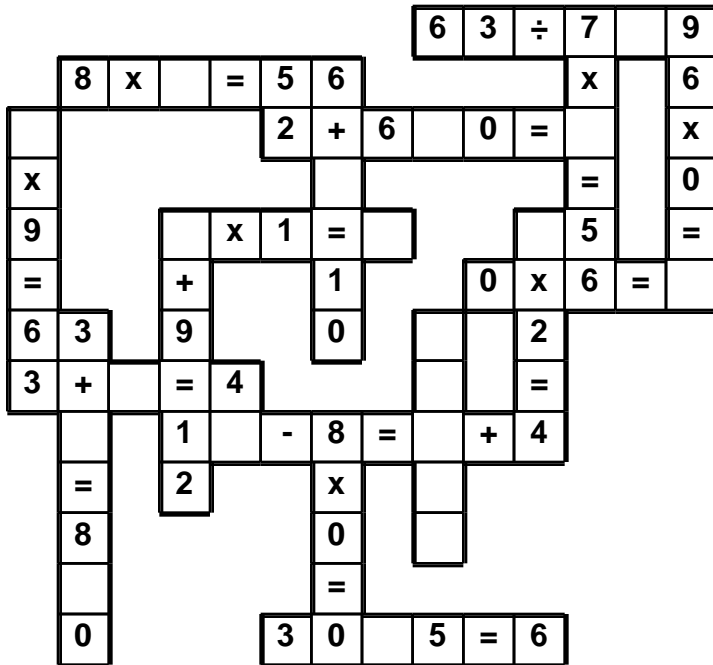
| 8 x 55 ÷ 11 | It was 2 degrees above zero in the morning. By afternoon the temperature rose 18 degrees. How warm was it? | It was 89 degrees outside. What would the temperature be if it got 18 degrees colder? |

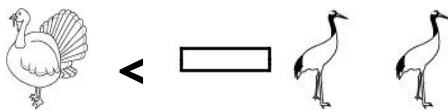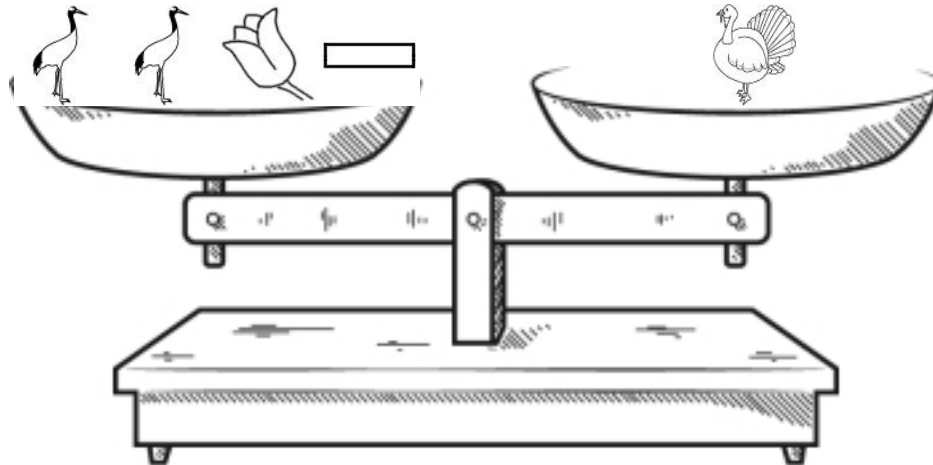| How many centimeters in 650.3 meters? | 60 ÷ 6 + 1 | Estimate quickly the difference.
7,070 - 1,180 |

Name: _____

X		4			7	
	__ x __	__ x 4	__ x __	__ x __	84 __ x 7	84 __ x __
5	50 5 x __	20 5 x 4	5 x __	5 x __	5 x 7	35 5 x __
	__ x __	48 __ x 4	__ x __	__ x __	__ x 7	__ x __
	__ x __	__ x 4	120 __ x __	__ x __	__ x 7	__ x __
	__ x __	__ x 4	__ x __	__ x __	__ x 7	56 __ x __
	__ x __	__ x 4	__ x __	14 __ x __	__ x 7	14 __ x __
	__ x __	__ x 4	__ x __	__ x __	28 __ x 7	__ x __
10	10 x __	100 10 x 4	10 x __	10 x __	10 x 7	10 x __

5,441 - 2,252 = _____

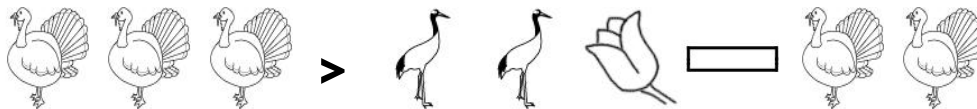What number is halfway between 31 and 42?

Name: _____

🦃 < ☐ 🦢 🦢	🦢 🦢 🌷 < 🦃
☐ True ☐ False	☐ True ☐ False

🦃 🌷 🌷 = 🦢 🦢 🌷 ☐ 🦢

☐ True ☐ False
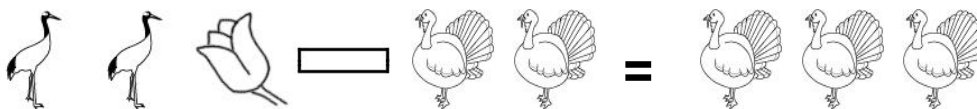
🦃 🦃 🦃 > 🦢 🦢 🌷 ☐ 🦃 🦃

☐ True ☐ False

🦢 🦢 🌷 ☐ 🦃 🦃 = 🦃 🦃 🦃

☐ True ☐ False
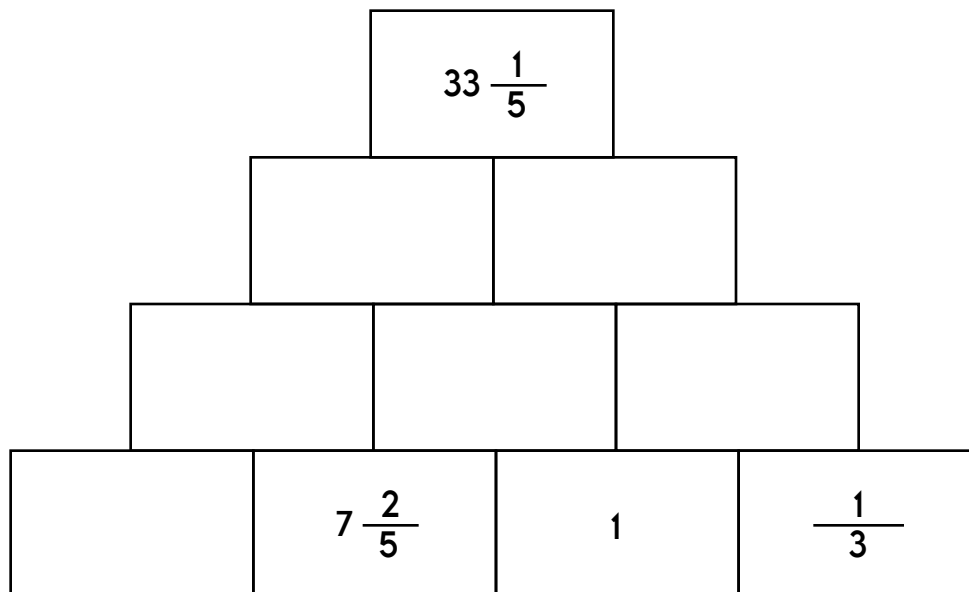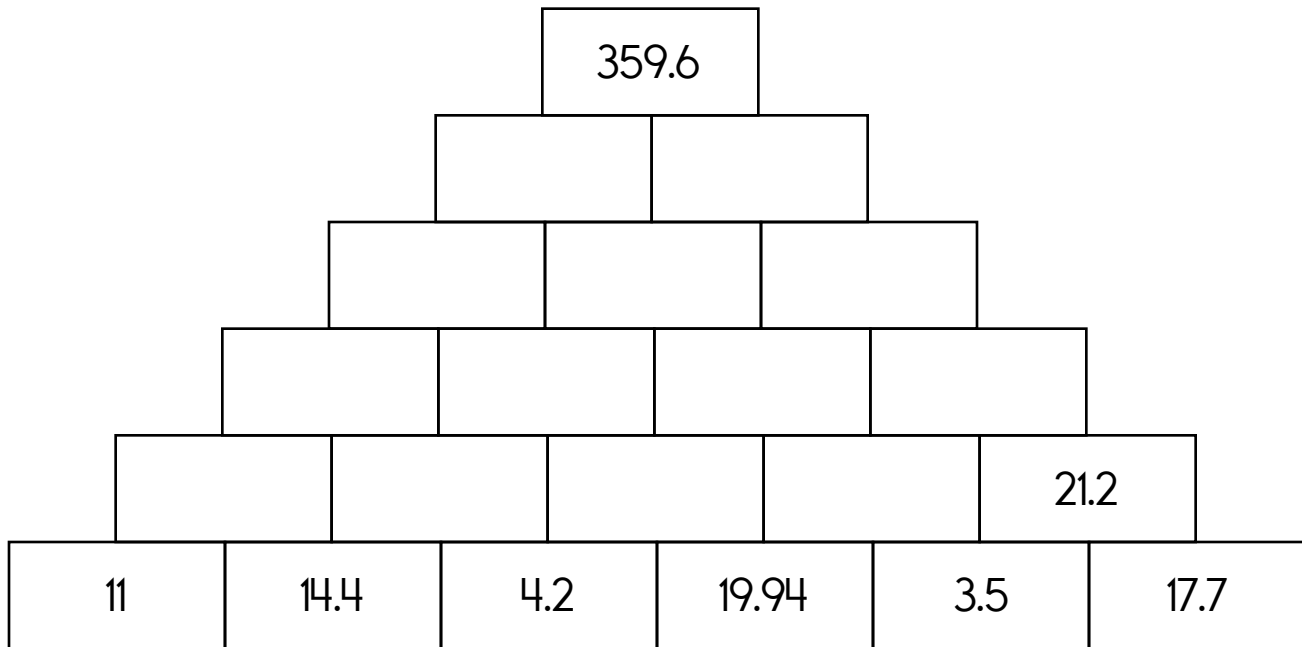
🦃 🦢 🦢 = 🦢 🦢 🌷 ☐ 🦢 🦢 🦢

☐ True ☐ False

Did you find that two are true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.

359.6

				21.2

11	14.4	4.2	19.94	3.5	17.7

$33\dfrac{1}{5}$

$7\dfrac{2}{5}$ 1 $\dfrac{1}{3}$

What is 50% of 400?

Write $\dfrac{6}{10}$ in lowest terms.

Round 50,577 to the nearest hundred.

word root **tract** can mean **pull**   traction, tractor