Name: _____

Use >, <, or = to complete.

80% ___ $\frac{3}{5}$

$\frac{3}{9}$ ___ 35%

$\frac{3}{11}$ ___ 27%

Rewrite $\frac{11}{25}$ as a decimal.

504 ÷ 10

What is the greatest common factor of the numbers 91 and 65?

If a = 5 and b = 7, then
2a + b =

$\frac{7}{12}$ x $\frac{11}{12}$

A circle graph has five sections. Only four sections are labeled. The labels are 19%, 23%, 12%, and 14%. What should the missing section be?

The letter p is used to represent power points in a game. The points must be greater than 264 but less than 906. Express this as an inequality.

What is the remainder of 157 divided by 19?

(13 + 8 + 15) =

If 5x = 70, then x =

6 x (33 ÷ 3) - 12 ÷ 4 =

The letter V has an unknown value. If you multiply V by sixteen, the product is four. What value does V have?

14h - 22.4 = 19.6

h =

0.12 • 7 =

Name: _____

There are 2 prime numbers greater than 27 but less than 37. Name them.

31 + n = 46

What is the value of n?

56, 64, 72, _____, 88, 96

Round 53,476 to the nearest hundred.

Circle the three numbers whose product equals 880.

10 8 11

11 11 8

8 x 4 x 6 + 4

Round the decimal 0.365 to the nearest hundredth.

word root **mis** can mean **bad** **mistake, misfortune**

Name: _____

Hannah has given powers to her collection of dolls. There are the B dolls and the C dolls. Today, she is having a match between one B doll and one C doll. The doll with more power will win. Who will win?

Four B dolls have 2 power points.

Six C dolls have 9 power points.

Write the decimal in words.
12.0004

$$\begin{array}{r} 13.2 \\ 84.682 \\ 683.2 \\ 576.49 \\ +411.952 \\ \hline \end{array}$$

Change to percents.

$\frac{25}{100} =$

$\frac{98}{100} =$

$\frac{5}{10} =$

$\frac{3}{10} =$

$\frac{19}{100} =$

$\frac{40}{100} =$

$$\begin{array}{r} 705 \\ -\ 57 \\ \hline \end{array}$$

Find 50% of 186.

Reduce $\frac{48}{136}$ to its lowest terms.

Name: _____

There were 51 cows in the herd. Of that number, $\frac{2}{3}$ were brown, 2/12 were black and white, and $\frac{1}{6}$ were black. Which group had more cows in it?

Yesterday it rained for $5\frac{1}{3}$ hours at Amanda's house. She got to use her new pink umbrella. At Wendy's house it only rained for 2.3 hours. How much longer did it rain at Amanda's house?

The world's largest pizza was made in South Africa. Its area was $11837\frac{3}{5}$ square feet. If the pizza were cut into $\frac{3}{5}$ square foot pieces, how many pieces could be cut from the pizza?

80 ÷ 10 = _____

54 ÷ 6 =

What number is halfway between 34 and 41?

$$\begin{array}{r} 46 \\ +\ 25 \\ \hline \end{array}$$

Write 9,105 in words.

_____

10 x 7 = _____

$$\begin{array}{r} 61 \\ -\ 31 \\ \hline \end{array}$$

348 - 131 = _____

42 ÷ 6 =

$$\begin{array}{r} 450 \\ -\ 178 \\ \hline \end{array}$$

$$\begin{array}{r} 447 \\ +\ 286 \\ \hline \end{array}$$

In the number 158,977, the digit 9 is in what place?

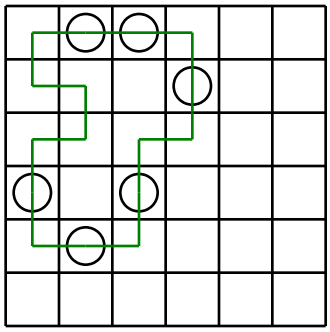
_____

Jessica rolls a die. What is the chance of her rolling a 2?

_____

87,992 - 79,329 = _____

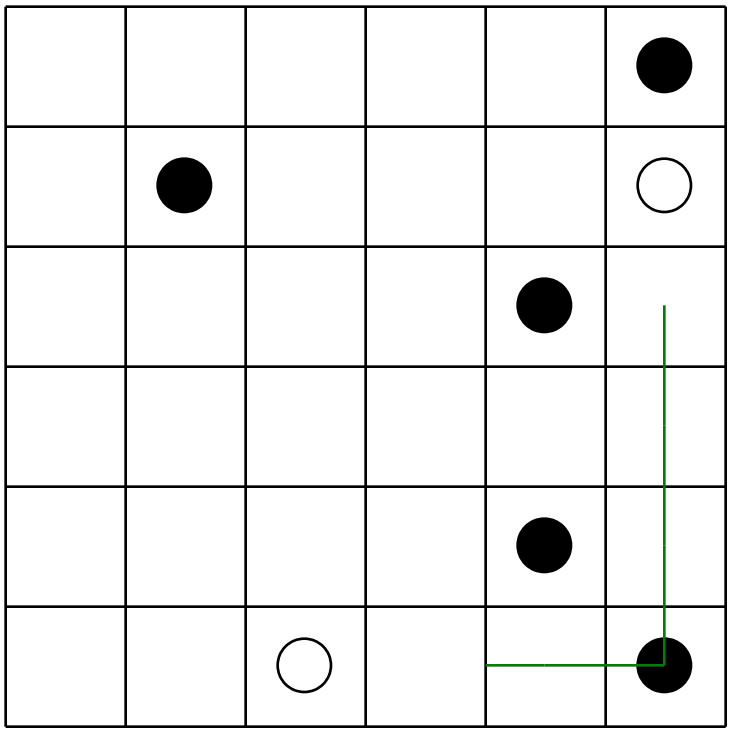
Name: _____



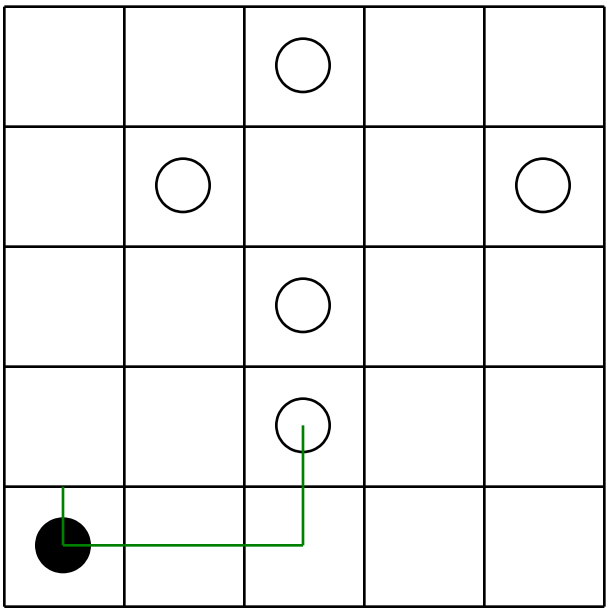
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



2 x 2 = _____

96 ÷ 12 =

24 ÷ 6 = _____

1 cm = 10 mm

8 cm = _____ mm

Can 216 be evenly divided by 4? Circle:
216 is evenly divisible by 4
216 is NOT evenly divisible by 4

14 km = _____ m

Name: _____

How many feet are in 96 inches?

_____ feet

What time is 17 hours after 3:00 p.m.?

_____

Erin and her little sister, Hannah, both have birthdays on the same day. Erin is eleven years old. Hannah is eight years old. Did you know that Erin was once double the age of Hannah? How many years ago was that?

3 x 8 = _____

Anne makes a basket for every three attempts that she makes. Sarah needs four attempts to make a basket. Each basket is worth 2 points. If they each make 24 attempts, then what is the score?

Can 437 be evenly divided by 12? Circle:

437 is evenly divisible by 12

437 is NOT evenly divisible by 12

8 x 3 = _____

6 x 2 = _____

Write an equation to represent this:

The product of eleven and nine is ninety-nine.

_____

12 x 12 = _____

Circle the digit in the tenths place.

2,496.465

8 ÷ 2 = _____

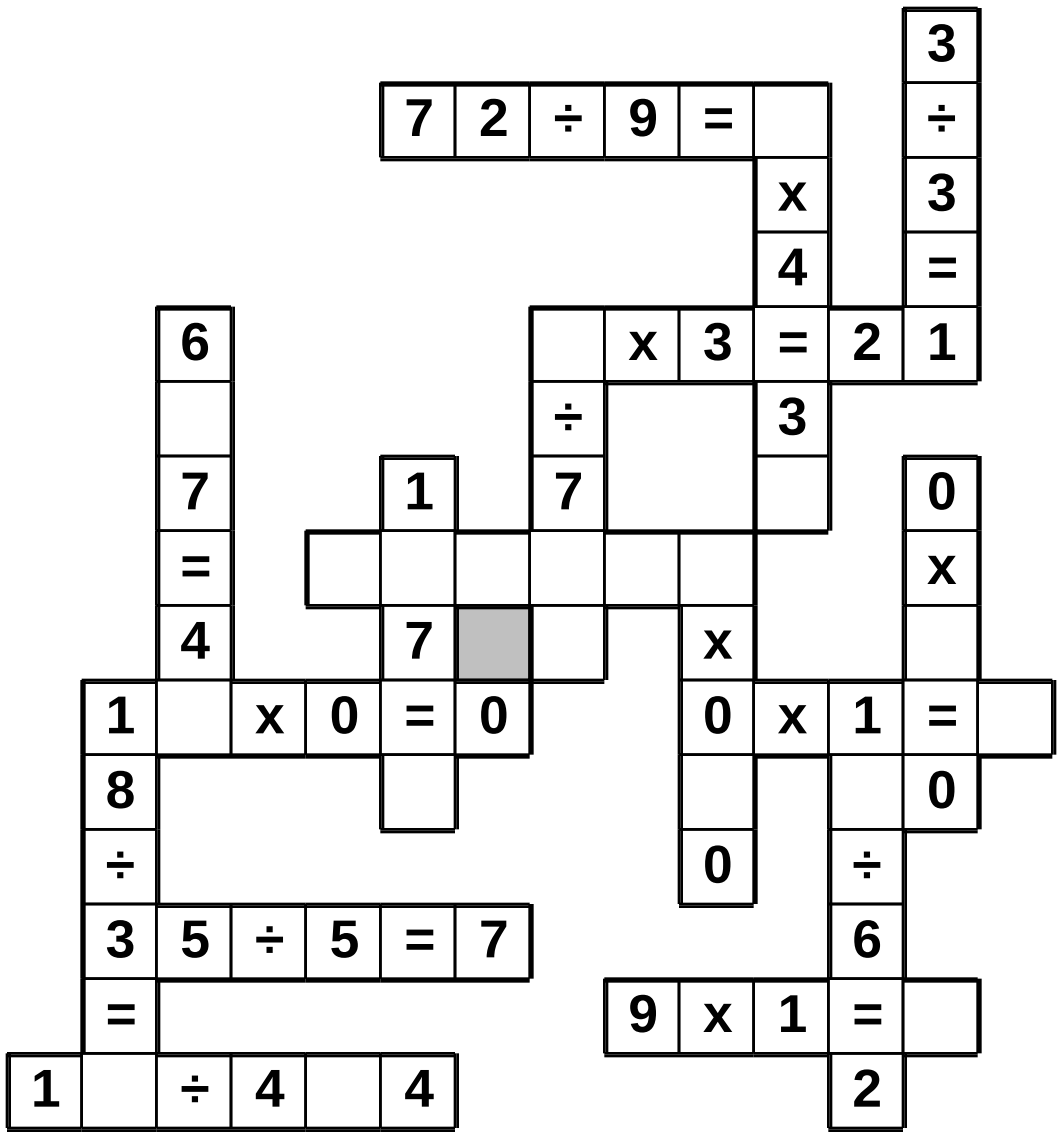
How many dimes make $3.30?

word root **con** can mean **together** **contacts, contract**

Name: _____

8 • 7 • x • 2 • 6 • x • 9 • = • 5 • 4 • 1 • 5 • 2 • 0 • 7 • = 2 • 9 • 6 • =

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



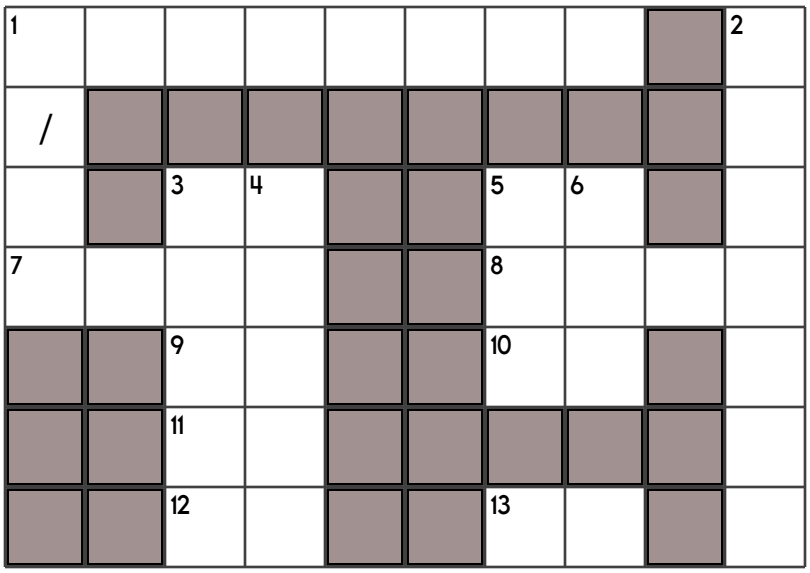
9 x 6 = _____

(8 + 9) + 3 =

21 ÷ 3 = _____

94,684 - 77,372 = _____

Name: _____



ACROSS

1 8137 - 8

a. answer: 8 1 2 9

7428 - 9

b. answer: 7 4 1 9

Full 1 across answer:

8 1 2 9 7 4 1 9
a a a a b b b b

3 7 + 7 + 7 + 7 + 7

5 Halve 134.

7 Write the numeral three thousand, three hundred thirty-five.

8 Write the numeral three thousand, nine hundred twenty-three.

9 Double 21.

10 9 x 3

11 67, 72, 77, 82, 87, ___

12 174 ÷ 3

13 Triple 22.

DOWN

1 $\frac{3}{6} + \frac{3}{26}$ (find a solution with a nominator of 8)

Write into 1 down:

__ / __ __

2 801 - 9

a. answer: ___ ___ ___

Round 3621.9 to the nearest whole number.

b. answer: ___ ___ ___ ___

Full 2 down answer:

___ ___ ___ ___ ___ ___ ___
a a a b b b b

3 Round 333.7 to the nearest whole number.

a. answer: ___ ___ ___

80, 83, 86, 89, 92, ___

b. answer: ___ ___

Full 3 down answer:

___ ___ ___ ___ ___
a a a b b

4 Double 276.

a. answer: ___ ___ ___

7 + 7 + 7 + 7

b. answer: ___ ___

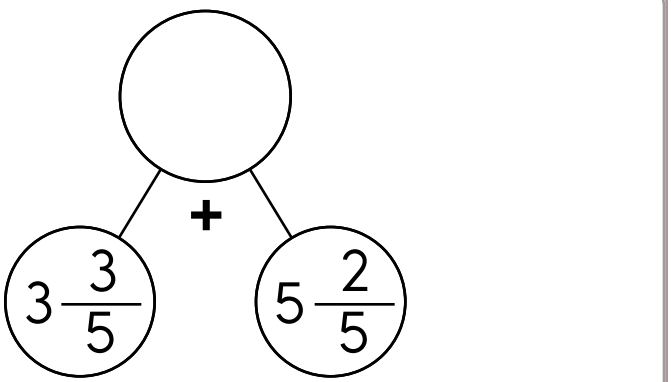
Full 4 down answer:

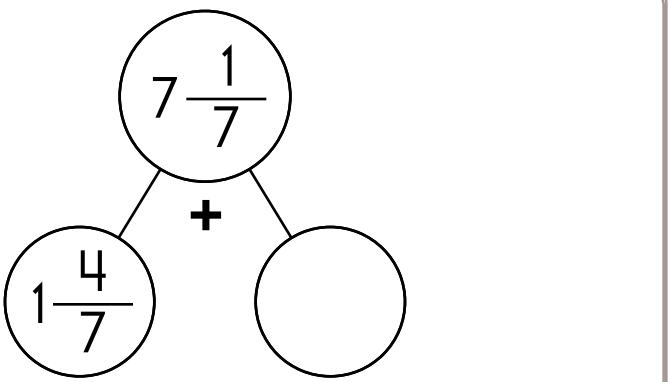
___ ___ ___ ___ ___
a a a b b

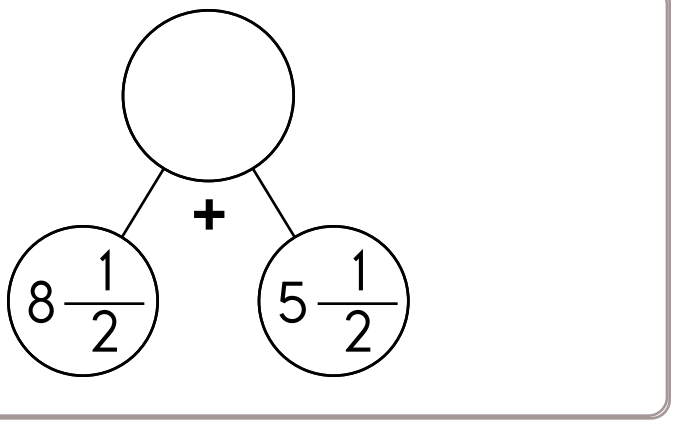
5 640 - 8

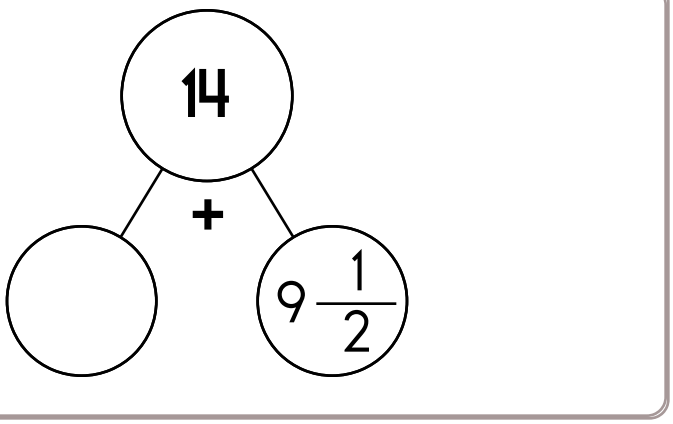
6 Halve 1594.

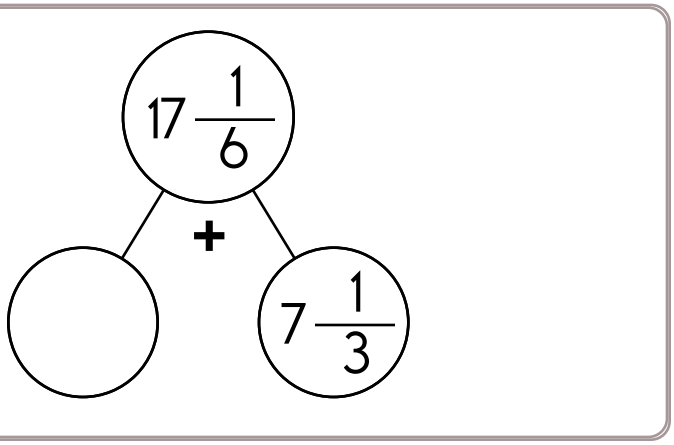
Name: _____

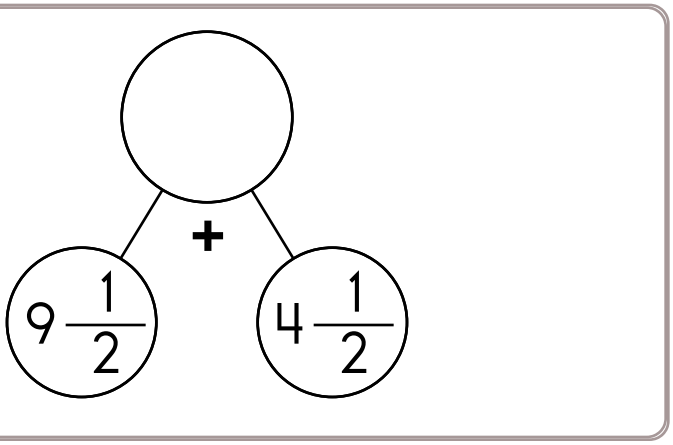

+
$3\frac{3}{5}$
$5\frac{2}{5}$

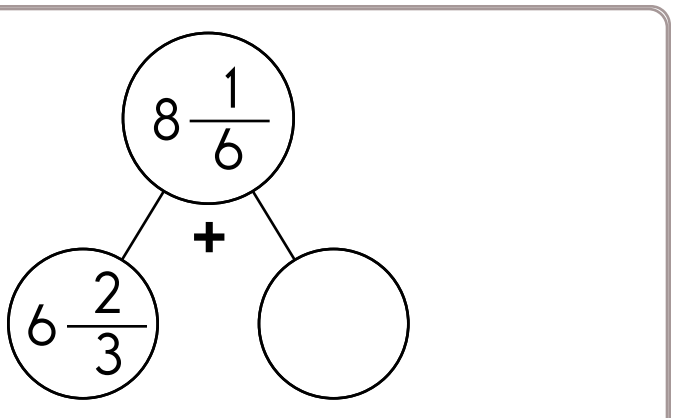

$7\frac{1}{7}$
+
$1\frac{4}{7}$

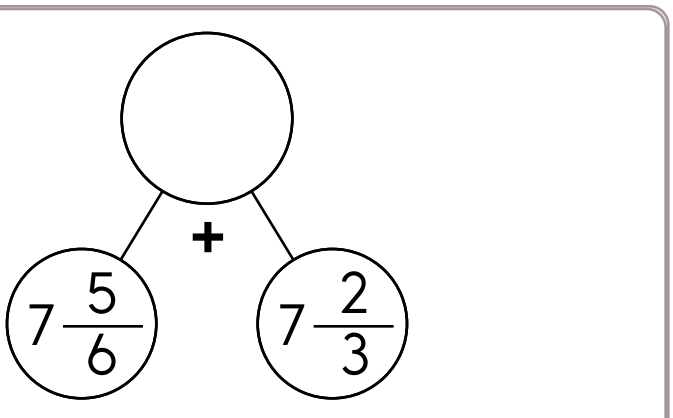

+
$8\frac{1}{2}$
$5\frac{1}{2}$


14
+
$9\frac{1}{2}$


$17\frac{1}{6}$
+
$7\frac{1}{3}$


+
$9\frac{1}{2}$
$4\frac{1}{2}$


$8\frac{1}{6}$
+
$6\frac{2}{3}$


+
$7\frac{5}{6}$
$7\frac{2}{3}$

Name: _____

Write each as a decimal.

$2\frac{421}{1000}$ =

$82\frac{4}{10}$ =

$6065\frac{30}{1000}$ =

$7075\frac{6737}{10000}$ =

$$2\frac{6}{12}$$
$$1\frac{1}{12}$$
$$+\ 5\frac{5}{12}$$

Change $\frac{36}{40}$ to a decimal.

$$\begin{array}{r} 85 \\ \times\ \ 6 \\ \hline \end{array}$$

Change 28% to a decimal and a fraction expressed in its lowest terms.

Write the decimal number for:
eighteen thousandths

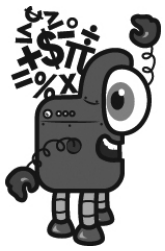
Reduce $\frac{20}{30}$ to its lowest terms.

171 + 926 + 833 =

Find 4% of 110.

Name: _____

Mental Math — #1 —



- ❑ Start with the number 20. **20**
- ❑ Multiply the tens digit by the ones digit. The product is your new number. _____

9 2 0 6 6 0 7 0 8 3 (Circle your answer to double check you are correct.)

- ❑ Multiply by 10. _____

8 4 7 7 5 0 6 1 4 8

- ❑ Multiply by 2. _____

0 3 7 4 2 4 1 6 9 5

- ❑ Add half of 42. _____

2 4 5 0 2 1 9 9 4 3

- ❑ Add the number of inches in 2 feet. _____

3 4 5 6 1 0 5 8 8 6

- ❑ Round that number to the nearest ten. _____

5 8 6 9 4 3 5 0 9 2

- ❑ Add three-fourths of a dozen. _____

7 2 5 6 9 1 8 5 9 1

- ❑ Round that number to the nearest ten. _____

9 4 3 6 0 8 2 9 7 1

- ❑ Increase that number by 16. _____

7 6 4 7 9 3 6 6 8 5

- ❑ Divide by 4. _____

5 0 1 9 7 8 1 9 3 8

Name: _____

$\frac{3}{5} = \frac{60}{100} = \_\_\_\_\_ \%$

$\frac{3}{50} = \frac{\_\_\_}{100} = \_\_\_\_\_ \%$

$\frac{23}{25} = \frac{\_\_\_}{100} = \_\_\_\_\_ \%$

$\frac{33}{50} = \frac{\_\_\_}{100} = \_\_\_\_\_ \%$

$\frac{1}{20} = \frac{\_\_\_}{100} = \_\_\_\_\_ \%$

$\frac{72}{100} = \frac{18}{25} = \_\_\_\_\_ \%$

$\frac{66}{100} = \frac{\_\_\_}{50} = \_\_\_\_\_ \%$

$\frac{25}{100} = \frac{\_\_\_}{4} = \_\_\_\_\_ \%$

$\frac{82}{100} = \frac{\_\_\_}{50} = \_\_\_\_\_ \%$

$\frac{60}{100} = \frac{\_\_\_}{5} = \_\_\_\_\_ \%$

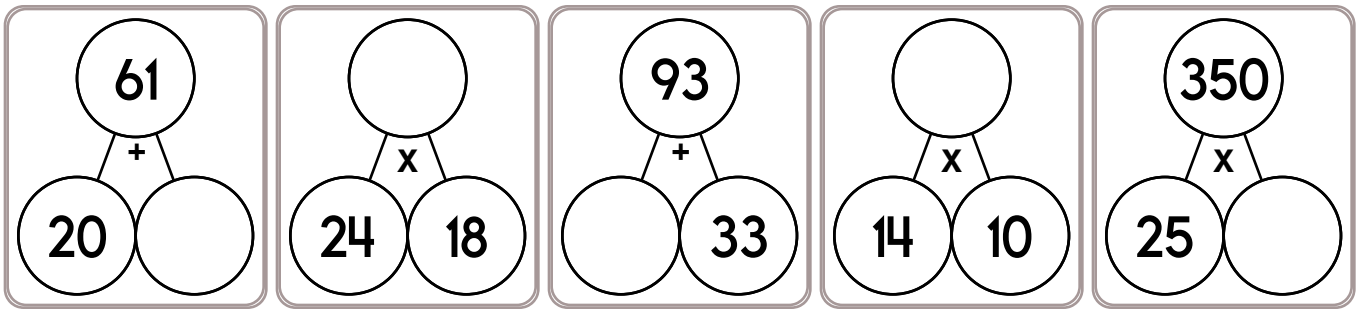
$\frac{7}{10} = \frac{\_\_\_}{100}$

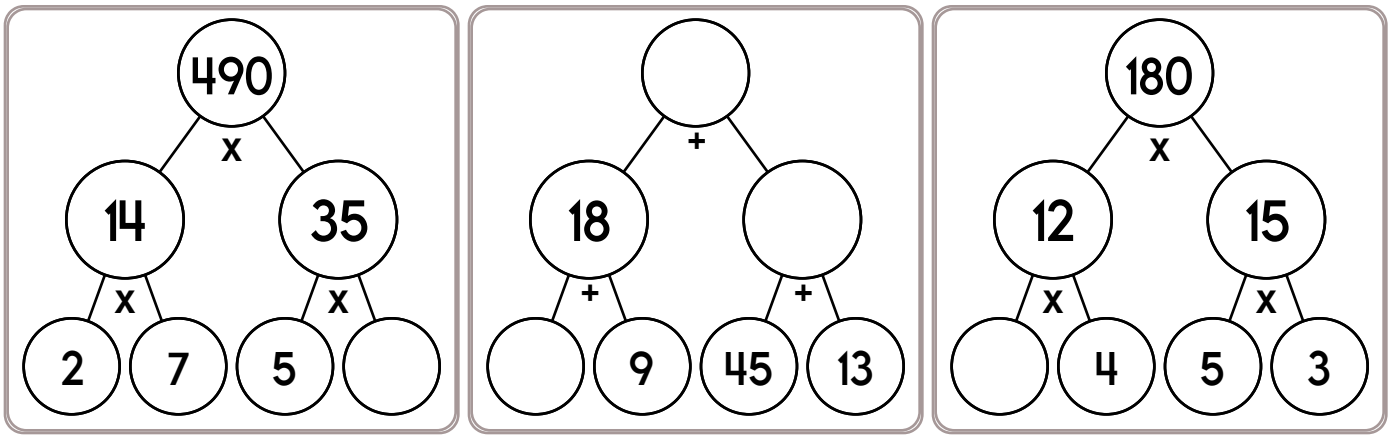
$\frac{1}{4} = \frac{\_\_\_}{100}$

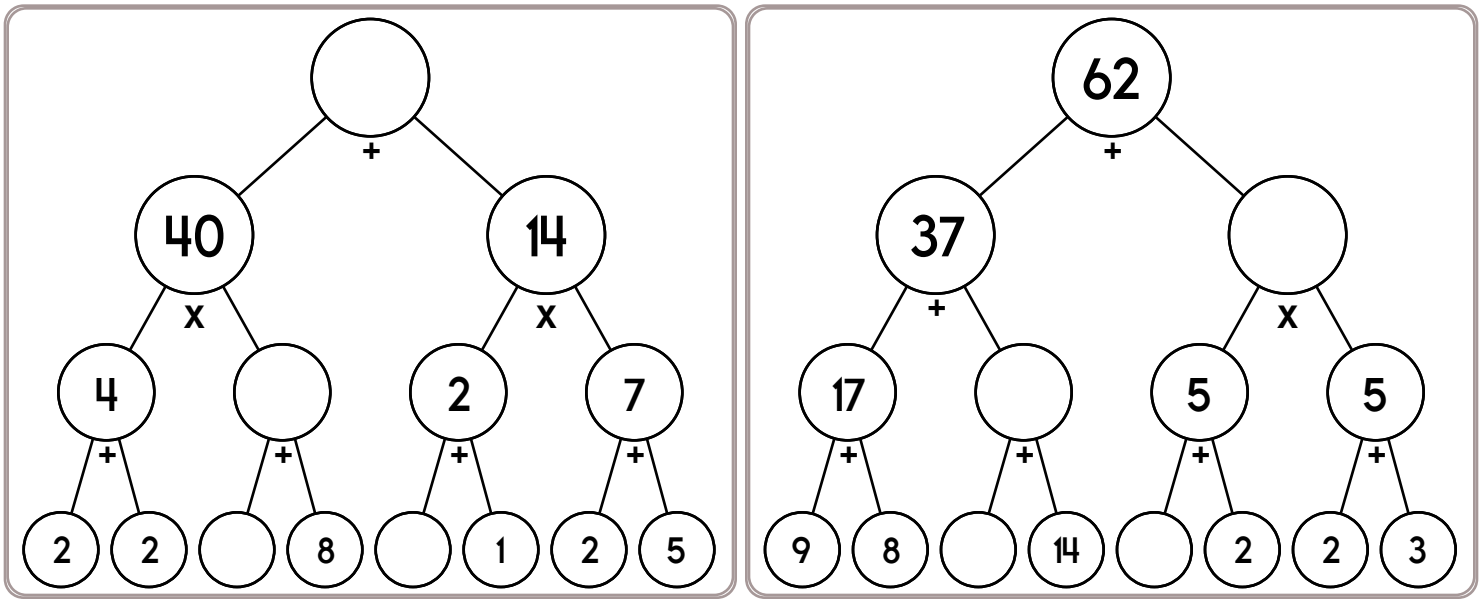
$\frac{27}{50} = \frac{\_\_\_}{100}$

Rosa put posters on the wall in her room. The posters cover $\frac{2}{5}$ of the wall. What percent of the wall is covered with posters?

Name: _____







$$\begin{array}{r} 3.2 \\ -\,2.61 \\ \hline \end{array}$$

$$\begin{array}{r} 79.35 \\ +\,13.94 \\ \hline \end{array}$$

$$\begin{array}{r} 18.547 \\ -\,12.485 \\ \hline \end{array}$$

Name: _____

List all the numbers from 1 to 64 which are:

a. multiples of 12

b. multiples of 12 but not of 6

Sara bought 2 pizzas for a party at the pool. Sara invited 9 of her friends. They all showed up except for Holly and Emily. Each pie has 5 slices. If everyone (all her friends and Sara) first has one slice, how many people would be able to have a second slice?

Adam brought a bucket of pennies, nickels, dimes, and quarters to class. He wrote instructions on task cards. On the first card he wrote, "Make 55 cents from 3 coins." On the second card he wrote, "Make 54 cents from 3 coins." He gave one card to Jack, and he gave the other card to Jason.

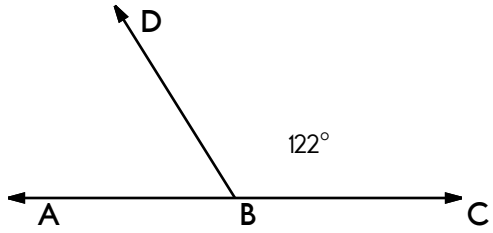
Jack and Jason figured out the coins to use and showed them. Apparently Jason counted wrong because his card's task was not possible. Which card did he get and why?

Mega Multiplay World is a fun game to play with other people. In each world a maximum of 44 players can play at once.

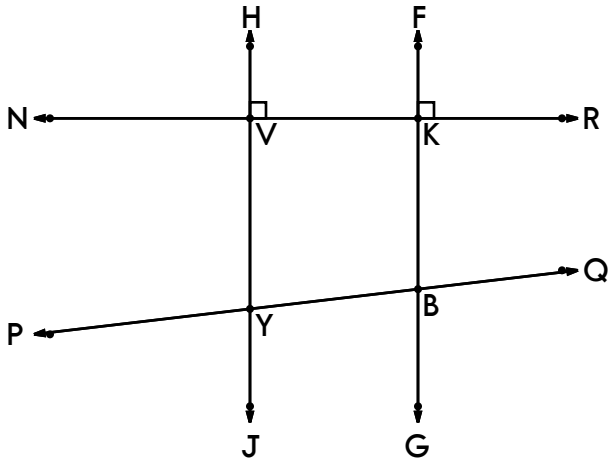
a. How many worlds are needed if 315 people want to play?

b. How many worlds are needed if 760 people want to play?

Name: _____



What is the measure of ∠ABD?



Name 2 lines which include point V.

Name 3 angles.

Name 3 rays.

On a number line, what is the number that is 9 spaces right of -4?

Rewrite 8 - 4

Using numbers: -4 and 8

____ + ____ = ____

16 + -6 = ____

16 - 6 = ____

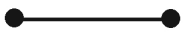
Use a protractor to draw a 165° angle.

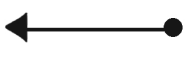
Sketch a right angle named ∠DEF.

Use a protractor to draw a 40° angle.

Name: _____

Name these figures as "line," "line segment," or "ray."

 _____  _____

 _____  _____

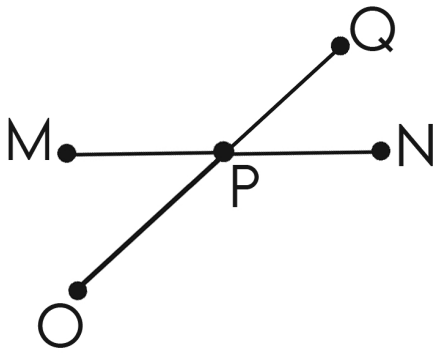
Write the number of line segments that are here. ____

Name the line segments.

_____ _____

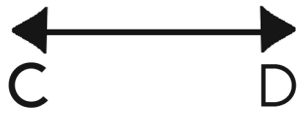
_____ _____

_____ _____



Use symbols and letters to label each.

Example:



This is line $\overleftrightarrow{CD}$ or $\overleftrightarrow{DC}$.

_____

_____

_____

Name: _____

$3y = 21$

$432 = 27n$

$13n = 286$

$\frac{96}{???} = 8$

What is the missing number?

$\frac{36}{N} = 12$

What is the value of N?

$\frac{28}{N} = 7$

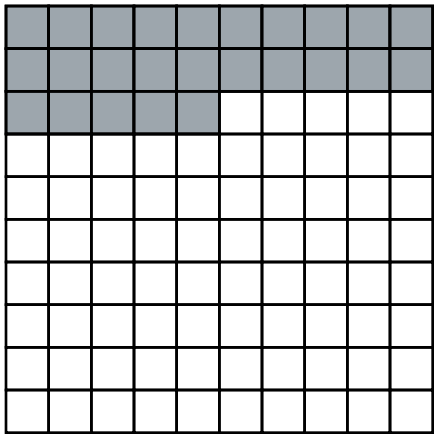
$20n = 140$

$9m = 108$

$8y = 24$

$\frac{N}{9} = 4$

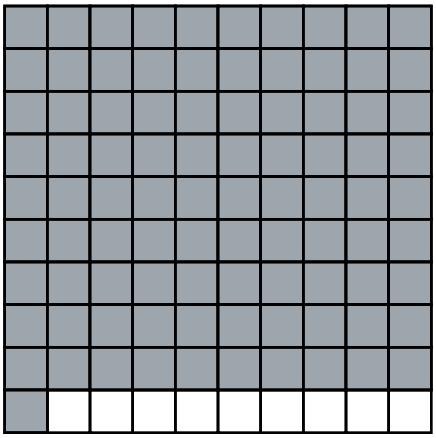
Name: _____



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.



_____ out of 100 small squares are shaded.

_____ % of the large square is shaded.

_____ % of the large square is NOT shaded.

$\frac{46}{100}$ = _____ %

$\frac{34}{100}$ = _____ %

$\frac{5}{100}$ = _____ %

43 out of 100 = _____ %

18 out of 100 = _____ %

0.84 = _____ %

0.27 = _____ %

0.04 = _____ %

0.03 = _____ %

0.5 = _____ %

0.13 = _____ %

0.4 = _____ %

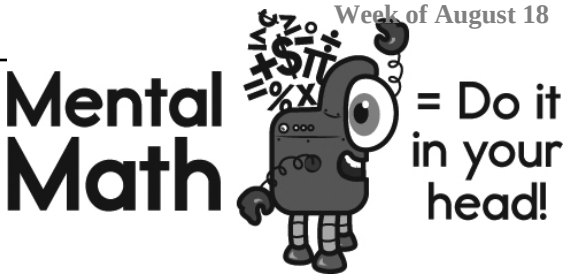
0.7 = _____ %

0.96 = _____ %

0.6 = _____ %

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?



imagine 2 in your head multiply 4 subtract 2 Write the number. _____ A	imagine 9 in your head subtract 6 multiply 10 subtract 9 Write the tens digit. _____ B	imagine 7 in your head multiply 7 double it add 3 Write the tens digit. _____ C	imagine 6 in your head subtract 5 add 4 subtract 2 multiply 3 add 5 Write the even digit in your answer.

What is the sum?

A + B + C

_____

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

_____ _____ _____ **h** _____

8 before 14 _____	6 after 16 _____	3 before 18 _____
1 before 19 _____	3 after 11 _____	2 before 15 _____
4 before 12 _____	7 after 17 _____	6 before 11 _____

Name: _____

topple • picture • average • option • monotonous • imperfect

Each row, column, and box must have all the words from the word list. Write in the missing words.

	topple	option			
	average				
		imperfect			topple
monotonous				picture	average
				imperfect	
					option

Three toys cost $15. At that rate, what is the cost of 15 toys?

7 x 4 = _____

10 x 10 = _____

10 x 7 = _____

18 ÷ 9 = _____

Can 893 be evenly divided by 5? Circle:
893 is evenly divisible by 5
893 is NOT evenly divisible by 5

44 ÷ 4 = _____

For 2,720,040,867,662, write the digit that is in the hundred thousands place.

_____

44 ÷ 11 = _____

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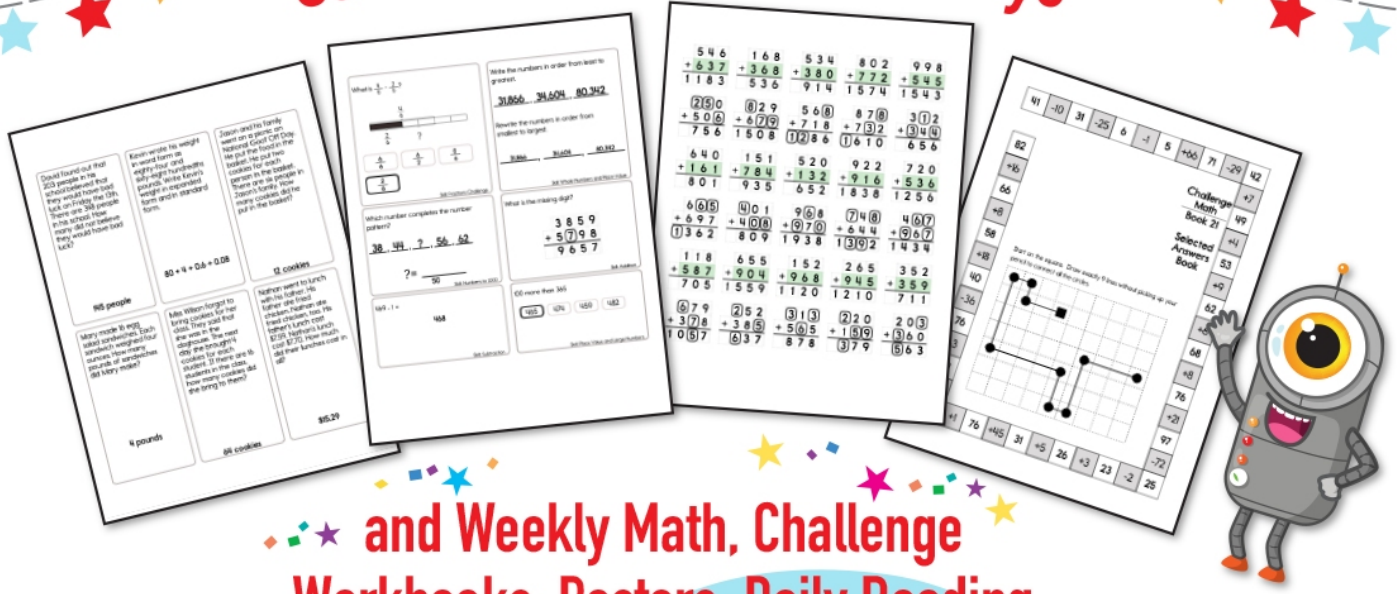

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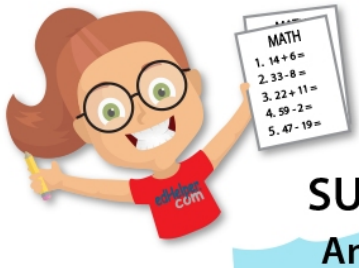

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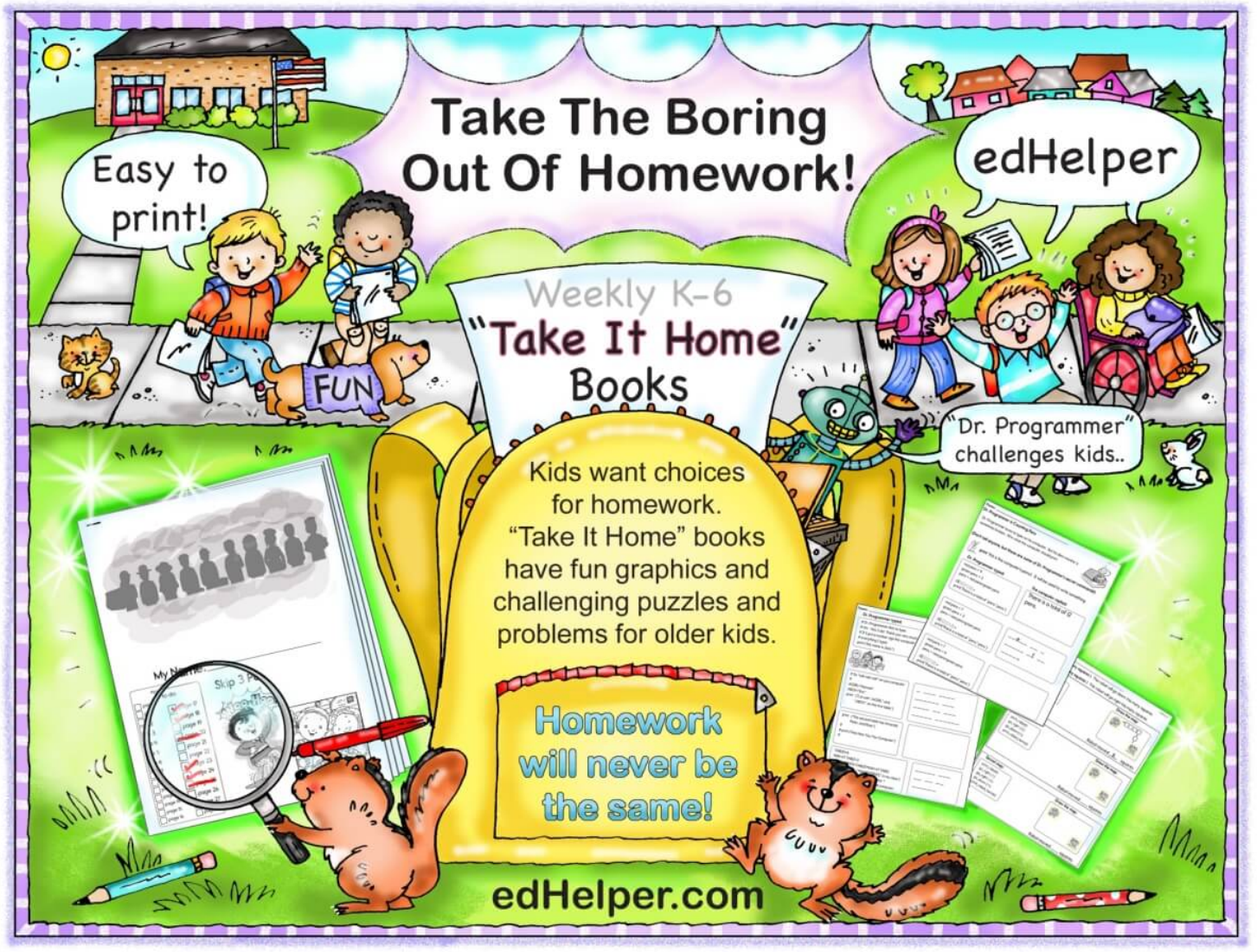
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