

Name: _____

The radius of a circle is 512 cm. What is the diameter of this circle?

How many meters are there in 16 kilometers?

Pick the family fact that is missing.

$$19 \times 5 = 95$$

$$95 \div 19 = 5$$

$$5 \times 19 = 95$$

How many centimeters in 7.6 meters?

$$1 + 10 \times 1 \times 4$$

P, _____, O, G, N, F, M,

E, L, D

$$753 \div 10$$

What is the greatest common factor of the numbers 96 and 128?

$$6 \times 6 \times 6 \times 6 = x^4$$

What is the value of x ?

Rewrite as an algebraic expression or equation.

The quotient of z and 15 is 3.

$$(4 \times 3) - 12 + 9 - 5$$

Crazy Nathan had pizza 20 days in the month of July. Approximately what percent of the month did he have pizza?

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

62, 71, _____, 89, 98, 107

$$y = x + 17$$

$$y = 23$$


What is the value of x ?

Name: _____

Pay the bill!


Alex received a bill from Central Water for \$180.30. Write the check as Alex would write it.

SAMPLE

| | | |
|--|--|---|
| ALEX | 1339 | |
| | DATE <u>May 5, 2025</u> | |
| PAY TO THE ORDER OF | <u>Central Water</u> | \$ \$180.30 |
| | <u>one hundred eighty and thirty cents</u> | DOLLARS |
| MEMO | <u>water bill</u> | <u>Alex (sign in script)</u> |
|  | | |

Pay the bill!

Alex needs money. He wants to get \$60 in cash, so he writes a check payable to cash in this amount. Write this check.

| | | |
|--|-------------------|---|
| ALEX | 1340 | |
| | DATE _____ | |
| PAY TO THE ORDER OF | _____ | \$ |
| | _____ | DOLLARS |
| MEMO | _____ | _____ |
|  | | |

Yummy Donuts gave two dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

How much money is 1 quarter, 1 dime, 5 nickels, and 1 penny?

How many minutes is it from 8:00 a.m. to 10:35 a.m.?

How much time is it from 7:00 a.m. to 11:25 a.m.?

$$8 \div \frac{1}{2}$$

It was 7 degrees above zero in the morning. By afternoon the temperature rose 17 degrees. How warm was it?

Name: _____

Pay the bill!

Rent is due. Amy needs to pay her landlord \$1,600. Her landlord's name is Erin Moore.

| | |
|---------------------------|---|
| AMY | 1452 |
| | DATE _____ |
| PAY TO THE ORDER OF _____ | \$ <input style="width: 100px;" type="text"/> |
| _____ | DOLLARS |
| MEMO _____ | _____ |
| ⑆994003906⑆ | ⑈55223⑈ 1452 |

Pay the bill!

Amy received a bill for her cellphone from Mobile Unlimited for \$64.50. Write the check as Amy would write it.

| | |
|---------------------------|---|
| AMY | 1453 |
| | DATE _____ |
| PAY TO THE ORDER OF _____ | \$ <input style="width: 100px;" type="text"/> |
| _____ | DOLLARS |
| MEMO _____ | _____ |
| ⑆994003906⑆ | ⑈55223⑈ 1453 |

$$\begin{array}{r} 13.4 \\ + 9.27 \\ \hline \end{array}$$

Reduce $\frac{3}{6}$ to its lowest terms.

Change $\frac{124}{72}$ to a mixed number.

Name: _____

| | | |
|--|---|---|
| <p>At the National Rivers Month celebration, Gavin spent \$16.83 on a book about rivers and \$2.25 each on four sets of postcards. How much did he spend in all?</p> | <p>Max has 31 living relatives. Of that number, 13 are more than 50 years old. What is the ratio of relatives over 50 to relatives 50 or younger?</p> | <p>Anne arranged 12 packages of Jell-O into a "T" shape 6 boxes high and 6 boxes wide. Each box measures 4 inches by $2\frac{1}{2}$ inches. What is the total surface area of the "T" shape?</p> |
|--|---|---|

| | | | |
|---|--|--|---|
| <p>$108 \div 9 =$</p> | <p>Three girls ran a race. Erin ran past Anna in the race and Anna never caught up. Megan was not as fast as Erin. Who won the race? Do you have enough information to know?</p> | <p>$3 \times 9 =$ _____</p> | $\begin{array}{r} 665 \\ - 195 \\ \hline \end{array}$ |
| $\begin{array}{r} 336 \\ + 261 \\ \hline \end{array}$ | | | |

| | | |
|--|--|---------------------------------------|
| <p>Hannah rolls a die. What is the chance of her rolling a 3? _____</p> | <p>Four cards cost \$16. At that rate, what is the cost of 16 cards?</p> | <p>$80 \div 8 =$ _____</p> |
|--|--|---------------------------------------|

Name: _____

| | | |
|--|---|---|
| <p>Can 576 be evenly divided by 5? Circle: 576 is evenly divisible by 5 576 is NOT evenly divisible by 5</p> | <p>1 lb = 16 oz 28 lb = _____ oz</p> | $\begin{array}{r} 46 \\ - 15 \\ \hline \end{array}$ |
|--|---|---|

| | | |
|--|---|--|
| <p>Megan took three numbers greater than 1 and multiplied them. One number was three and the other number was fourteen. Of course, she forgot the last number, but she remembered the product was 336. Is this possible?</p> | $639 + 177 = \underline{\hspace{2cm}}$ | |
| | $8 \times 7 = \underline{\hspace{2cm}}$ | |

| | | |
|---|--|---|
| $8 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ | $2,499 + 7,523 = \underline{\hspace{2cm}}$ | $\begin{array}{r} 28 \\ + 23 \\ \hline \end{array}$ |
|---|--|---|

| | |
|--|---|
| <p>Can 640 be evenly divided by 9? Circle: 640 is NOT evenly divisible by 9 640 is evenly divisible by 9</p> | <p>Adam has four dimes, four pennies, and one quarter. He also has one other coin that is different from the rest of his coins. How much could he have?</p> |
| | $18 \div 6 = \underline{\hspace{2cm}}$ |

Write 50,478 in words.

Name: _____

There are five objects (a pink object, a purple object, a white object, a blue object, and a yellow object). Each object has a different mass (78 g, 70 g, 35 g, 19 g, and 53 g) and a different volume (70 cubic cm, 25 cubic cm, 156 cubic cm, 14 cubic cm, and 33 cubic cm).

Density = Mass / Volume

Figure out the mass, volume, and density of each object.

1. The density of water is 1.0 grams per cubic cm. If the blue object was placed in water, it would sink.
2. The density of water is 1.0 grams per cubic cm. If the purple object was placed in water, it would float.
3. The white object has a mass of 35 g and a density of 1.061 grams per cubic cm.
4. The volume of the white object is not 70 cubic cm.
5. The volume of the yellow object is not 33 cubic cm and it is also not 14 cubic cm.
6. The pink object has a volume of 156 cubic cm and a density of 0.5 grams per cubic cm.
7. The density of aluminum is 2.7 grams per cubic cm. The yellow object is more dense than aluminum.
8. The yellow object has a greater mass than the blue object.
9. One object has a volume of 14 cubic cm and a density of 1.357 grams per cubic cm.
10. One object has a volume of 33 cubic cm and a density of 1.061 grams per cubic cm.
11. The purple object has a density of 0.757 grams per cubic cm and a volume of 70 cubic cm.
pink object has a mass of _____, a volume of _____, and a density of _____.
purple object has a mass of _____, a volume of _____, and a density of _____.
white object has a mass of _____, a volume of _____, and a density of _____.
blue object has a mass of _____, a volume of _____, and a density of _____.
yellow object has a mass of _____, a volume of _____, and a density of _____.

Name: _____

Amy took a survey of students at her middle school. She asked the students to name their favorite nuts. If twenty-two percent of the 345 students chose peanuts, how many students chose other nuts?

Sandy's Sweet Shoppe sold 26 chocolate ice cream cones on Sunday. That amount is $\frac{3}{4}$ of the total number of cones sold. How many cones were sold in all?

Colorado reported 2,326 cases of West Nile fever in 2003, while Illinois reported only 24. What is the ratio of Illinois' reported cases to those reported in Colorado? Write your answer as a fraction in lowest terms and as a percent.

Name: _____

$$\frac{60}{???} = 5$$

What is the missing number?

$$\frac{22}{N} = 2$$

What is the value of N?

$$\underline{\quad} \times 10 = 20$$

What is the missing number?

$$N \times 3 = 36$$

What is the value of N?

$$\underline{\quad} \times 5 = 15$$

What is the missing number?

$$N \times 3 = 21$$

What is the value of N?

$$3m = 27$$

$$6y = 18$$

$$\frac{48}{N} = 4$$

$$\frac{16}{???} = 2$$

What is the missing number?

$$\frac{24}{N} = 12$$

What is the value of N?

$$\frac{N}{11} = 7$$

$$17m = 68$$

Name: _____

Complete each analogy with the best word.

- | | | | |
|-----------|-------|-----------|------------|
| collected | ocean | decision | Bismarck |
| platform | fins | separated | conditions |
| universe | shell | protest | goose |
| stereo | free | salt | gills |

humans : lungs ::

fish : _____

sonic : symphonic ::

vision : _____

united : joined ::

segregated : _____

planet : solar system ::

galaxy : _____

South Dakota : Pierre ::

North Dakota : _____

environment : surroundings ::

climate : _____

bird : nest ::

hermit crab : _____

acidity : pH ::

salinity : _____

mouse : computer ::

speaker : _____

toddler : teenager ::

gosling : _____

H O K S P H E R E T G K S U A S W
 I J B S N T W D A T B N O O W C S
 H E R O O A P A T P E A I I T O O
 N N P I I E E E L K P B E A T O E
 E Y W R T A E L A I C R U S T T T
 O V A A A P T E O E S R O W E E A
 T T S J C E O N M O B H A V A R R
 I P W E I A E O C T E O L M E E D
 I G I R N E N N C L T A R I S E Y
 D O R E U E I A N A T L E A E I H
 Y O O P M C T N N S E U E D A S B
 E S O R M O N G G E R T O N N A L
 D E I I O M E M O O O O O I Y V T
 W S P M C P L L I T K N C A A A S
 E A A A X A A O S E P A R A T E D
 V W I N E N V V E I E E E W L N S
 D X E D O I E I M E N D I N G A C
 F P O L O O R W O A R N R S R T B
 E W L B A N S E U U O T T N D L R
 I S T E R E O I M I O B N M T W Y

- BETTER • POLO • SPHERE
 COMPANION • VALENTINE
 SCOOTER • COOP • ENDING
 APPROVE • BISMARCK
 SEPARATED • REPRIMAND
 GOOSE • SALT
 EXCOMMUNICATION • HYDRATE
 BEAT • BAN • STEREO • WAS

Name: _____



$184 \div \underline{\quad} = 2$

$696 \div \underline{\quad} = 87$

$\underline{\quad} \div 40 = 9$

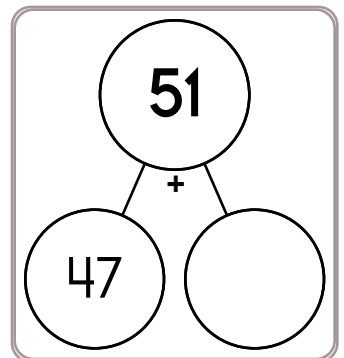
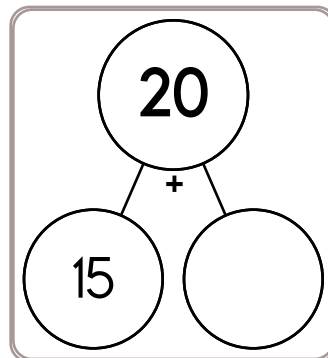
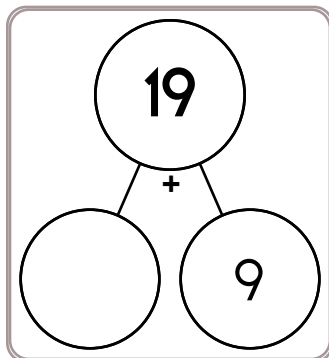
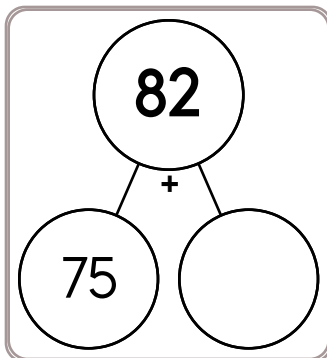
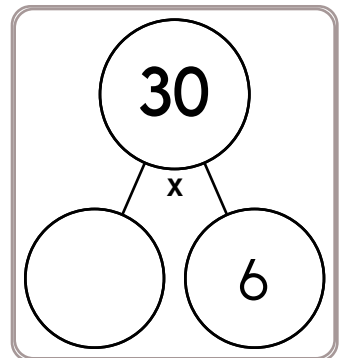
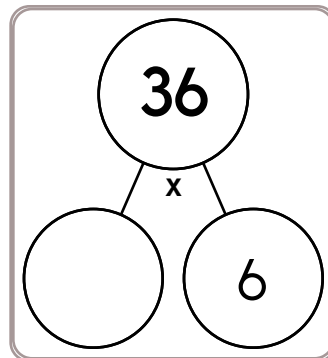
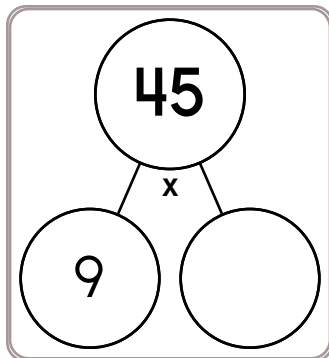
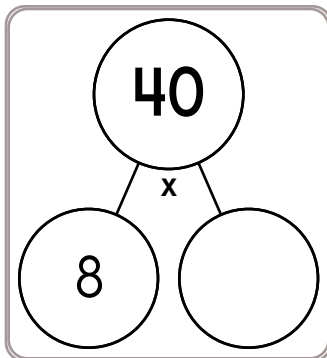
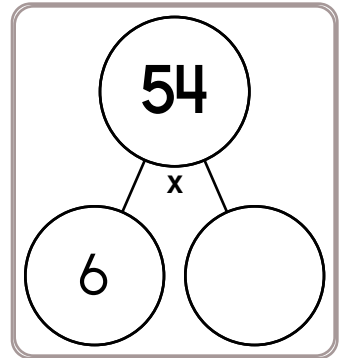
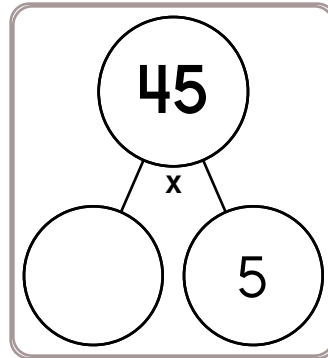
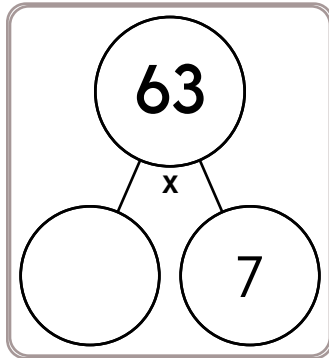
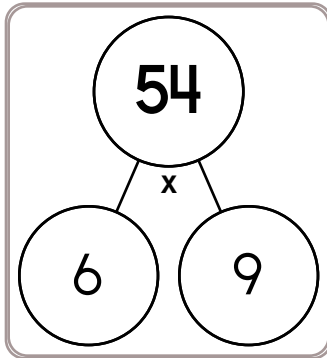
$\underline{\quad} \div 4 = 95$

$\underline{\quad} \div 7 = 31$

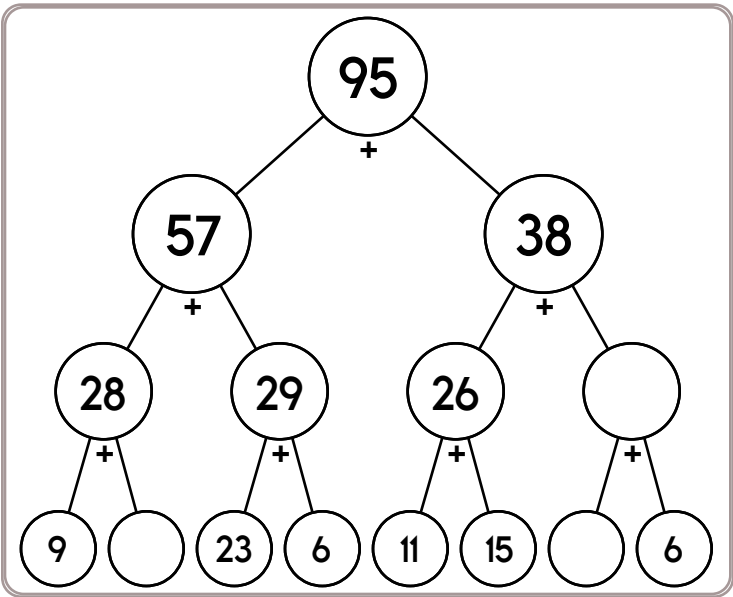
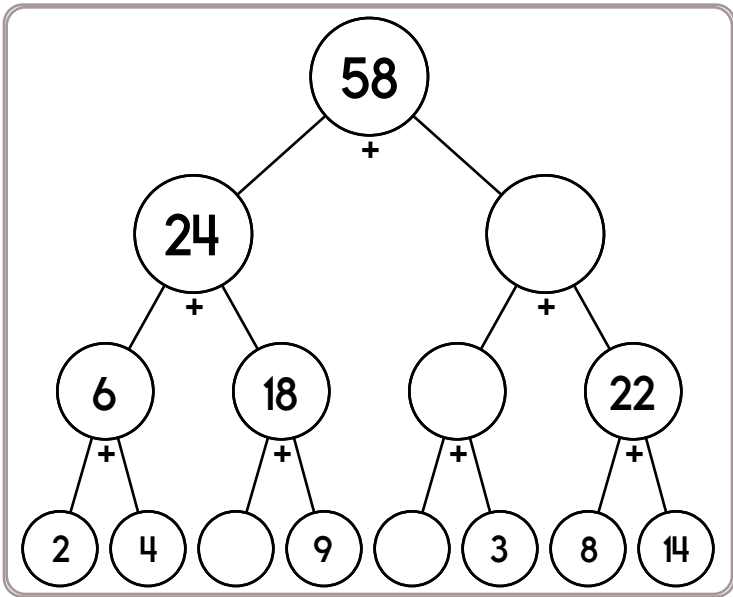
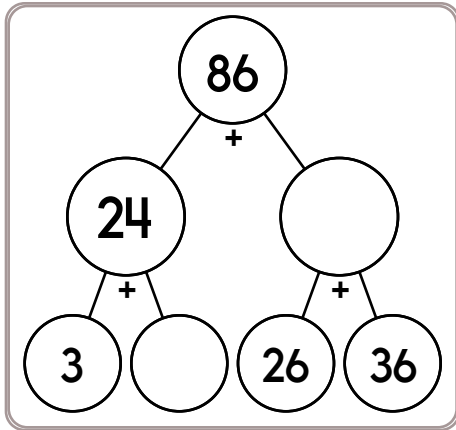
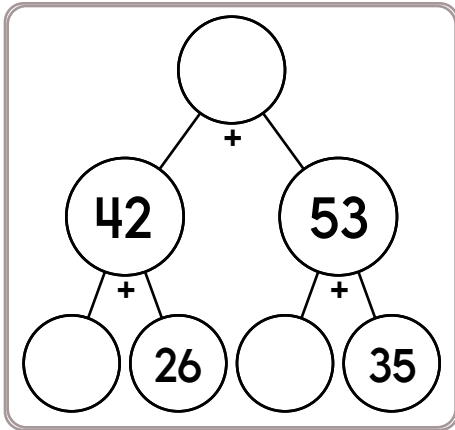
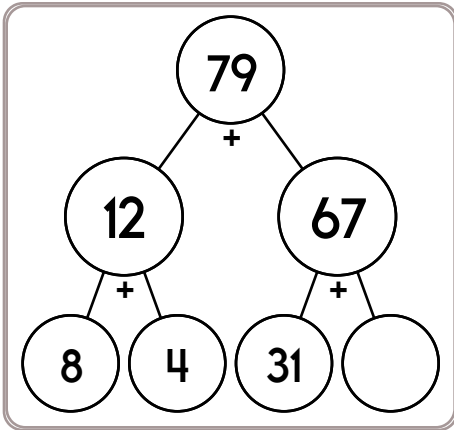
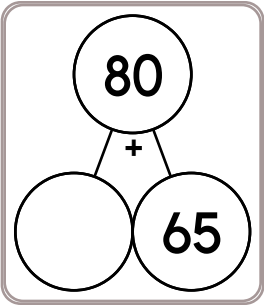
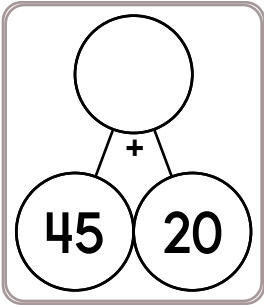
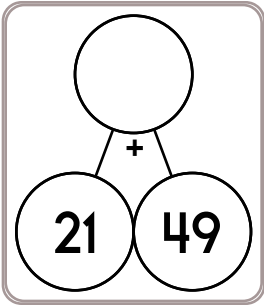
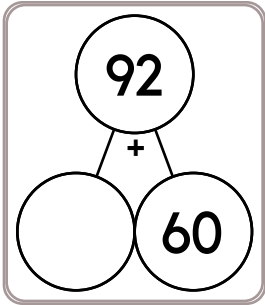
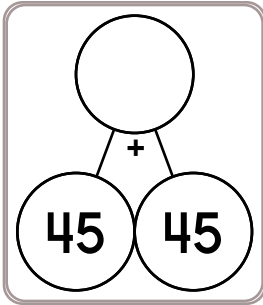
$\underline{\quad} \div 8 = 58$

$141 \div \underline{\quad} = 3$

$60 \div \underline{\quad} = 20$



Name: _____



Write the decimal in words.
11.0006

$$\begin{array}{r} 4 \\ - 2\frac{1}{8} \\ \hline \end{array}$$

Find 3% of 230.

Name: _____

$$-13 + 10 =$$

$$-15 \div -5 =$$

$$\frac{-120}{12} =$$

$$-9 - -1 =$$

$$-8 \times 4 =$$

$$-2 - 3 - 2 =$$

$$-4 - -3 =$$

$$-5 \times 4 =$$

$$-99 \div -9 =$$

$$-5 - 8 =$$

$$4 + -2 =$$

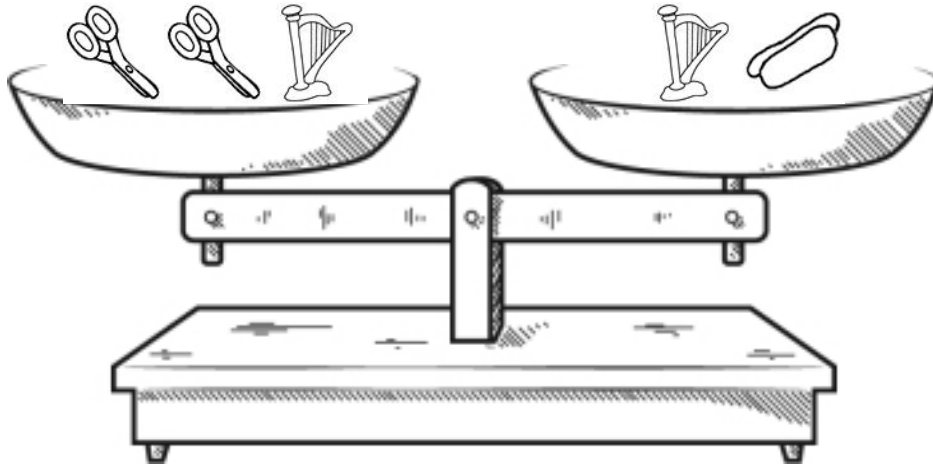
$$90 \div -10 =$$

$$-4 \times -10 =$$

$$\frac{-27}{-9} =$$

$$-7 + -4 =$$

Name: _____



True False

True False

True False

True False

True False

True False

True False

True False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

Name: _____

$$5 \overline{) 4.5}$$

$$4 \overline{) 4.4}$$

$$9 \overline{) 5.4}$$

$$7 \overline{) 2.66}$$

$$4 \overline{) 1.5}$$

$$8 \overline{) 0.56}$$

$$10 \overline{) 2.2}$$

$$8 \overline{) 13.6}$$

$$7 \overline{) 0.70}$$

Change $\frac{5}{20}$ to a decimal.

Change $\frac{99}{100}$ to a percent.

Write the decimal number for:
one hundred five and four hundredths



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$3 + 7 = \underline{\quad}$

$7 \times 4 = \underline{\quad}$

$42 \div 7 = \underline{\quad}$

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

$5 \times 6 = \underline{\quad}$

$9 + 4 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

$8 - 3 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$5 + 6 = \underline{\quad}$

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

$7 \times 7 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

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

$4 + 7 = \underline{\quad}$

$42 \div 7 = \underline{\quad}$

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

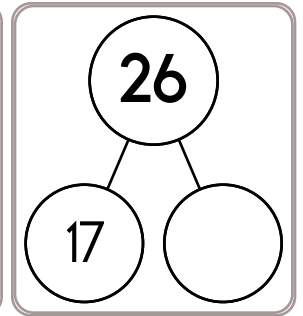
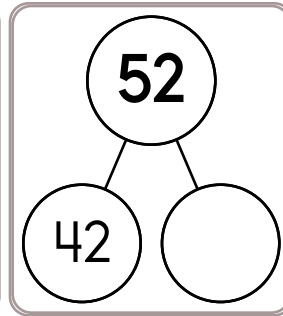
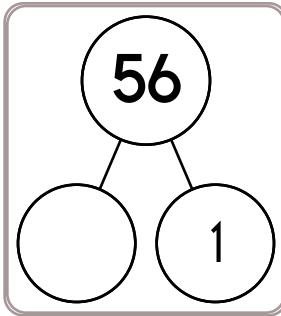
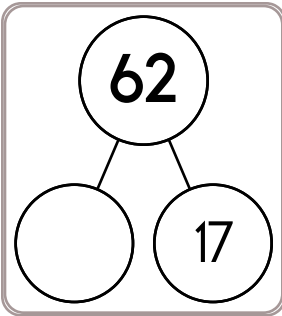
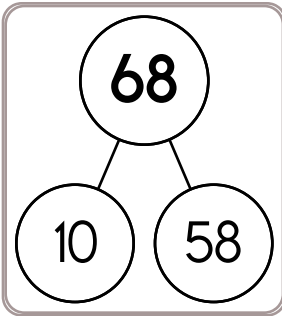
$3 + 7 = \underline{\quad}$

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

$7 - 4 = \underline{\quad}$

$9 \times 6 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$



$74 + 5 = \underline{\quad}$

$63 + 7 = \underline{\quad}$

$48 + 7 = \underline{\quad}$

$55 + 6 = \underline{\quad}$

$16 + 4 = \underline{\quad}$

$34 + 8 = \underline{\quad}$

$29 + 6 = \underline{\quad}$

$33 + 9 = \underline{\quad}$

$46 + 6 = \underline{\quad}$

$68 + 9 = \underline{\quad}$

$17 + 8 = \underline{\quad}$

$28 + 8 = \underline{\quad}$

$59 + 7 = \underline{\quad}$

$74 + 9 = \underline{\quad}$

$58 + 4 = \underline{\quad}$

$17 + 9 = \underline{\quad}$

$65 + 4 = \underline{\quad}$

$49 + 3 = \underline{\quad}$

$24 + 6 = \underline{\quad}$

$37 + 3 = \underline{\quad}$

$76 + 5 = \underline{\quad}$

$64 + 4 = \underline{\quad}$

$79 + 8 = \underline{\quad}$

$28 + 7 = \underline{\quad}$

$48 + 6 = \underline{\quad}$

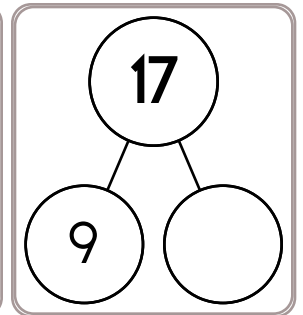
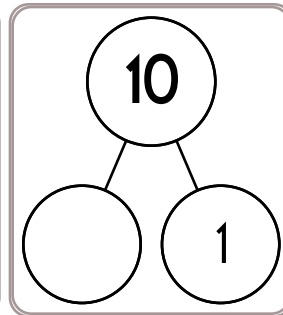
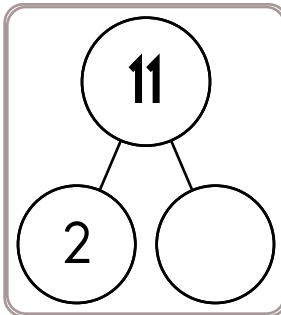
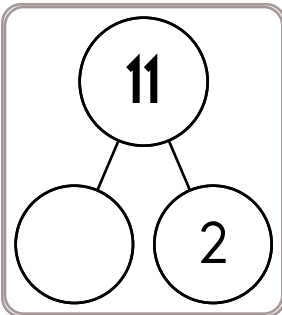
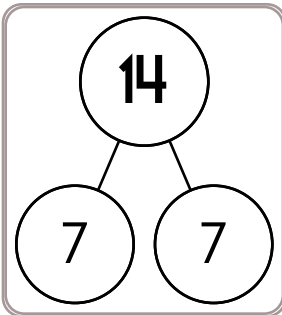
$18 + 3 = \underline{\quad}$

$53 + 8 = \underline{\quad}$

$39 + 4 = \underline{\quad}$

$59 + 7 = \underline{\quad}$

$35 + 9 = \underline{\quad}$



$27 + 3 = \underline{\quad}$

$39 + 8 = \underline{\quad}$

$77 + 5 = \underline{\quad}$

$45 + 6 = \underline{\quad}$

$14 + 2 = \underline{\quad}$

$57 + 6 = \underline{\quad}$

$63 + 4 = \underline{\quad}$

$65 + 9 = \underline{\quad}$

$49 + 7 = \underline{\quad}$

$37 + 7 = \underline{\quad}$

$54 + 8 = \underline{\quad}$

$29 + 6 = \underline{\quad}$

$74 + 6 = \underline{\quad}$

$13 + 7 = \underline{\quad}$

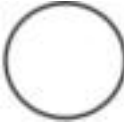



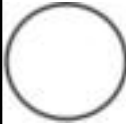




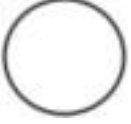

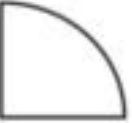
$36 + 9 = \underline{\quad}$

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

| | | | | | |
|---|---|---|---|--|---|
| 5 | 6 | 4 | 3 | | |
| 3 | 2 | 1 | | | 5 |
| | | 2 | 1 | | |
| 1 | | 5 | 2 | | |
| | | | | | 3 |
| 2 | | | 4 | | |

Each row, column, and box must have 6 different pictures.












| | | | | | |
|---|---|--|---|---|---|
| |  |  | | | |
| | | | | |  |
| | | | | |  |
| | | |  |  | |
|  |  | |  | |  |
| | |  | |  | |

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

| | | | | | |
|---|---|---|---|---|---|
| 5 | 6 | 2 | | | |
| 4 | 3 | 1 | | | 6 |
| | | | | | 2 |
| | | | 6 | 3 | 4 |
| | | | 3 | | |
| 2 | | | | | 1 |

Each row, column, and box must have 6 different pictures.

| | | | | | |
|---|---|--|---|---|---|
| | | | | | |
|  |  | |  | | |
| | | |  |  |  |
| | | | | |  |
|  | | |  |  | |
|  | | | | | |

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | A | S | L | O | G | A | N | S | W | I | L | L | | | | |
| E | D | P | | | | | | | I | M | P | O | L | I | T | E |
| M | J | S | U | L | A | T | H | E | E | O | N | F | | | | |
| E | A | E | R | A | D | T | | D | R | A | G | A | | | | |
| T | C | R | P | M | O | U | V | I | T | A | L | T | | | | |
| E | E | U | L | B | P | G | | L | A | C | K | H | | | | |
| R | N | M | E | S | T | F | R | A | M | E | S | O | | | | |
| I | T | S | O | R | C | H | E | S | T | R | A | M | | | | |
| E | A | P | P | O | I | N | T | M | E | N | T | S | | | | |
| S | G | R | A | N | D | M | O | T | H | E | R | S | | | | |

Write the words found.

| | |
|--------------|---------|
| GRANDMOTHERS | FATHOMS |
| IMPOLITE | WILL |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

What is the value of w?

$$9w + 17 - 3w = -4$$

Rewrite $\frac{4}{25}$ as a decimal.

Simplify.

$$\frac{50}{60} =$$

If $5x = 80$, then $x =$

If $a = 5$ and $b = 8$,
then
 $2a + b =$

In what quadrant would
you find the point $(-12, 14)$?

Name: _____

Select the word or phrase whose meaning is closest to the given word.

| | | |
|--|---|--|
| <p>GERMANE</p> <p>relevant culpable mistaken attractiveness religiosity</p> | <p>SQUANDER</p> <p>salvage bemoan rearrange disparage waste</p> | <p>DOZE</p> <p>deviate batter twelve of something nap boast</p> |
| | <p>EXONERATE</p> <p>cut out destroy shorten escape free from blame</p> | <p>BUOYANT</p> <p>disinterested gloomy charming thrilled cheerful</p> |
| <p>FORTIFY</p> <p>illuminate weaken strengthen alloy defend</p> | <p>SEVER</p> <p>bleed punch lacerate break off steam</p> | <p>RECUR</p> <p>annoy distress surprise happen again plague</p> |

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

M E T A M R E U F T A V B R E A K O F F H S N S M R R O Y F V E O O
 R A E A N U E R R U T V A U L E E N M S T R E N G T H E N R M F R B
 A E R E F I F L O E N O W E R E A I D R Q E N A M R E G N S X T V R
 T R C A Y G A N E D T E F A B P P R E D N A U Q S E Y E D G F Y U R
 L E A U N N U N O V M J A B S E S A E A A A A F E U A H T E A F P C
 A O R E R R S W O M A U E U D T L R N R E D O Z E O A P S Y O I R T
 W X R A U R Y G N E Z N A E N G E S Y T L U F R E E H C A A A T A E
 F T E P S R E H R F E N T H A P P E N A G A I N E K W F A S N R E N
 D S R N A N N R O E J G E X H T N A Y O U B H E R Z P E A E A O Z H
 T N E M A L B M O R F E E R F E X O N E R A T E Y S E V E R P F E P

Name _____



Date _____

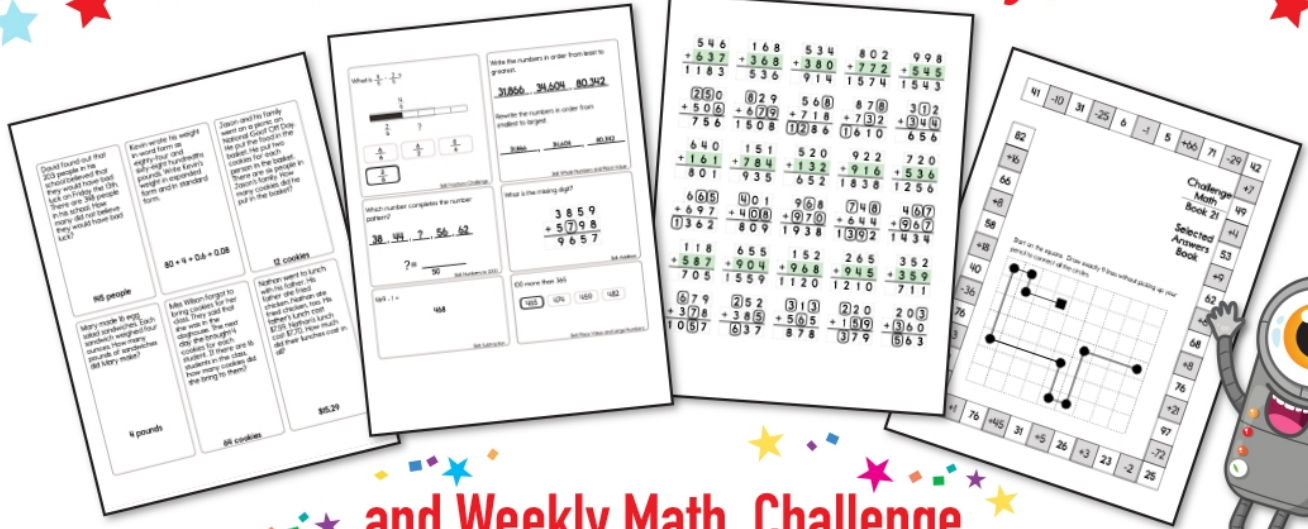
Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.

| | | | | | | | | | |
|--|---|--|---|---|---|---|------------|---|------------|
| | | | | | ● | ● | | | |
| | ● | | | | | | ● | ● | |
| | ● | | ● | | | | ● | | |
| | | | | | | | | | |
| | | | | ● | ● | | ○ E | | |
| | | | | | | ● | ● | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | ● | | | | | ○ B |
| | | | | | | | ● | ● | |

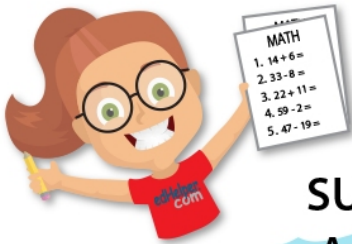
Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

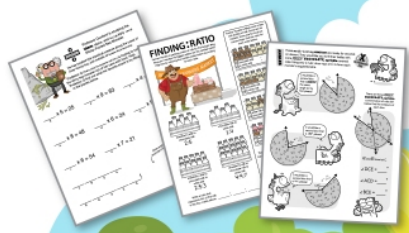
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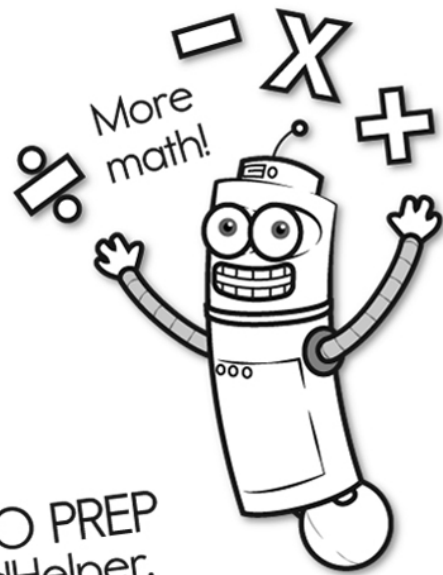
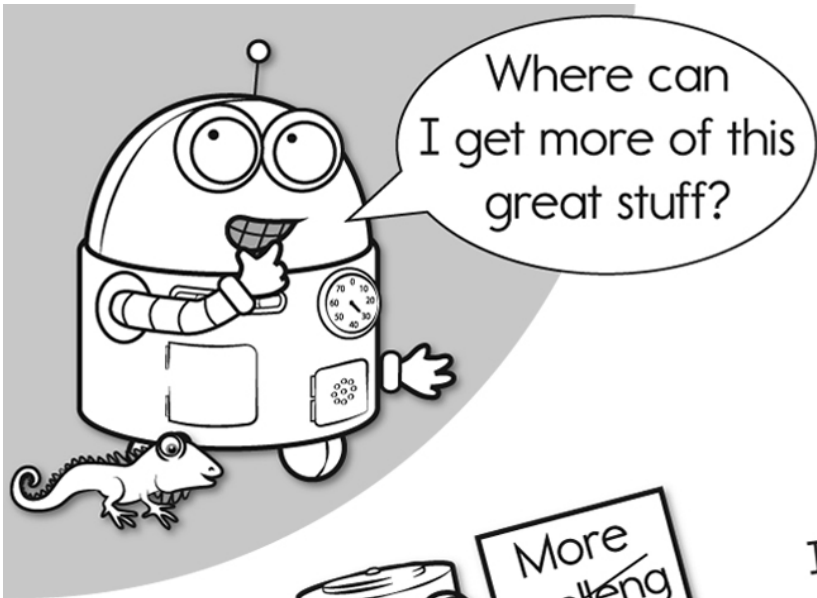
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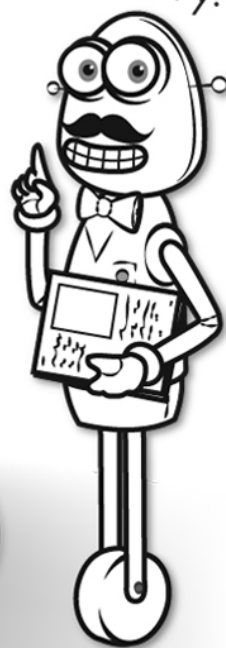
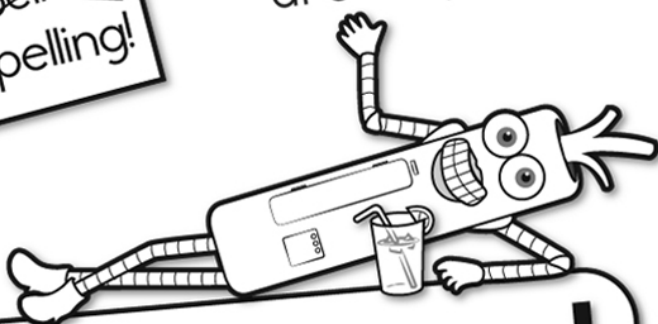


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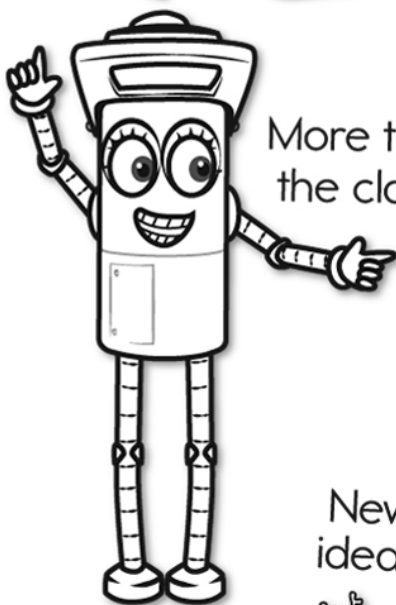
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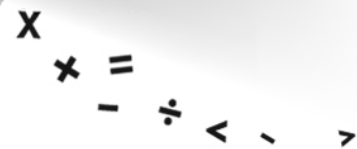
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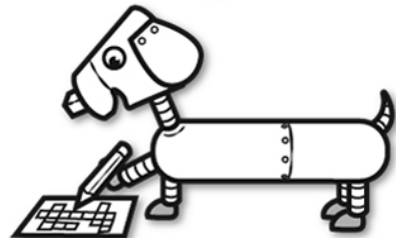
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