**Name:** _____

It is impossible to keep from laughing at Fred. He makes funny faces, tells jokes, and just clowns around. He said he could make anyone laugh in less than one minute. Jacob could only keep from laughing for 35 seconds. I tried and almost made it. I laughed at Fred after 51 seconds. How many more seconds did I last than Jacob?

Megan cleaned out the refrigerator for her grandmother. She found four old apples, four wrinkled oranges, two black bananas, thirteen spotty lemons, five squishy peaches, a bowl of oatmeal, five partially eaten cookies, nine yellowish celery stalks, and a pear with a bite out of it. How many pieces of fruit did Megan find in her grandmother's refrigerator?

How many total legs are on 14 elephants?

What is the sum of 8 and 58?

double 33 =

Mrs. Smith weighed the two containers of potato salad. One weighed 3.59 pounds. The other weighed 1.26 pounds. How much did the two containers of potato salad weigh in all?

It was such pandemonium! There were books stacked everywhere in the new bookstore. Kevin finally found the book he wanted at the bottom of the stack. He gave the clerk a 20-dollar bill. If the price of the book was $14.29, how much change did he get?

Rosa worked on a quilt on Quiet Day. The quilt is 5 feet long and 4 feet wide. What is the area of the quilt?

**Name:** _____

The last machine on the needle manufacturer's line puts the needles in cardboard folders. Each folder holds 6 needles. How many folders would be needed for 534 needles?

To prepare for National Kite Month, the toy store ordered 19 boxes of kites. There were 15 kites in each box. How many kites were ordered in all?

Mr. Brown estimated that he serves about 45 black cow root beer floats each day. About how many floats did he serve in April?

A book has 6 pages. Each page has 10 dimes. How many dimes in the book?

36 ÷ ___ = 9

Is 41 a composite or a prime number?

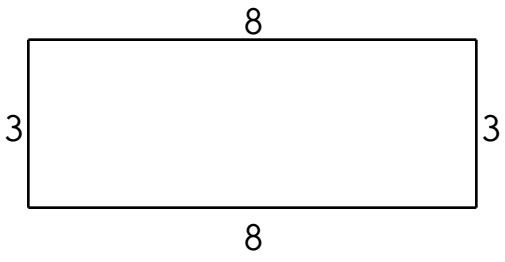
The first Iditarod Race was held in 1973. Thirty-five mushers started the race. Only 22 finished. Write the ratio of mushers that finished to mushers that started.

Each month the average person in the United States eats about 30 ounces of candy. About how many ounces of candy does the average American eat in two years?

Justin made a small quilt for his new baby brother. His mother gave him 90 blue fabric squares and 90 yellow fabric squares. Justin's quilt was 8 squares wide and 13 squares long. How many fabric squares did he have left when he finished the quilt?

**Name:** _____

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 14 | $+\frac{3}{4}$ | | | -2 | | $+\frac{2}{4}$ | | |
| | | +42 | | $-\frac{1}{8}$ | | | | +36 |
| | | | | $72\frac{1}{8}$ | | | | |
| +8 | | -15 | | $+3\frac{1}{8}$ | | $+1\frac{5}{8}$ | | +57 |
| | | | | | | | | |
| $-9\frac{1}{4}$ | | $-\frac{4}{8}$ | | +29 | | $+\frac{3}{4}$ | | $+\frac{6}{8}$ | $166\frac{5}{8}$ |




The perimeter is _____.

Fill in the missing fraction.

$\frac{4}{9}$ , _____ , $\frac{6}{9}$ , $\frac{7}{9}$

$$\begin{array}{r} 55 \\ +\ 85 \\ \hline \end{array}$$

Calculate the sum of 15, 30, and 45.

_____

Circle the nouns.

Did you put a jellyfish in the mailbox?

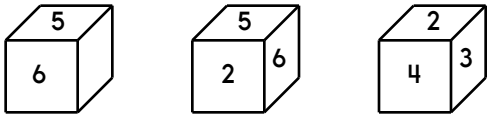
**Name:** _____

Max said that he had more books than anyone in his class. Jason said that he had more books. Adam said that he had even more books. Jason has 24 books. Max has 4 more books than Jason. Adam has 6 fewer books than Max. How many books does Adam have?

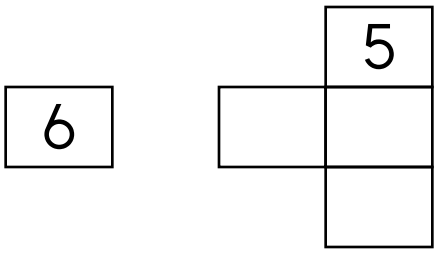
The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. Ava used a muffin pan to make 3 batches of muffins. Then she made 3 extra muffins. She made 33 muffins in all. How many muffins does the muffin pan hold?

Rose went to the circus with her father and mother. The best part of the circus was the clown. He could juggle and make people laugh at the same time! The tickets cost $5.71 each. How much did it cost for Rose, her father, and her mother to go to the circus?

This is the look at one cube that is turned around a few times.




This pattern can be folded into the cube. Fill in the missing boxes.




$$\begin{array}{r} 39 \\ -\ 36 \\ \hline \end{array}$$

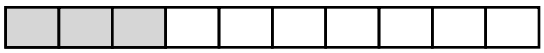
Would you use a ruler or a yardstick to measure the length of the height of your teacher?

_____

How many inches are in six feet?

_____

Write the unshaded part as a decimal.



_____

Write the fraction for 0.79.

_____

$$\begin{array}{r} 56 \\ +\ 41 \\ \hline \end{array}$$

word root **hemi** can mean **half** **hemisphere**

**Name:** _____

Circle the odd numbers.

| | | | |
|---|---|---|---|
| 70 | 34 | 46 | 146 |
| 126 | 87 | 86 | 80 |
| 40 | 35 | 75 | 77 |

Write two adjectives that begin with the letter *d*.

_____

_____

- ○ knel
- ○ nel
- ○ kneel
- ○ neel

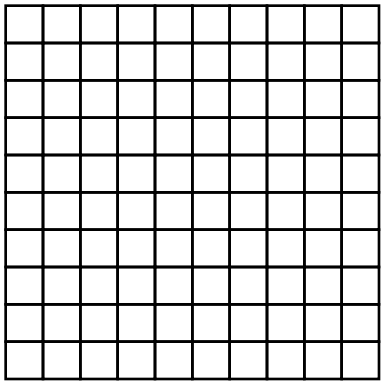
If you take 22 away from me, the difference is 76. What number am I?

_____

Is 37 prime or composite?

_____

Color 0.46.



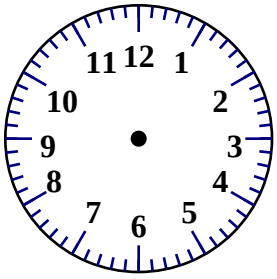
How many seconds are in nine minutes?

_____

What is one-tenth of 20?

_____

10 : 30




Round the number to the place value of the BIG number.

4**5**,726

_____

What is the fifth month with 31 days?

_____

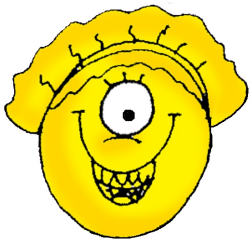
How many 8s are in 80?

_____

$$\begin{array}{r} 75 \\ +\ 85 \\ \hline \end{array}$$

If you add 8 to me, the sum is 76. What number am I?

_____



Add. Fill in the blanks.

| + | 2 | 7 | 6 |
|---|---|---|---|
| 3 | | 10 | 9 |
| 6 | 8 | | |

word root **cred** can mean **believe** **credit, creed**

**Name:** _____

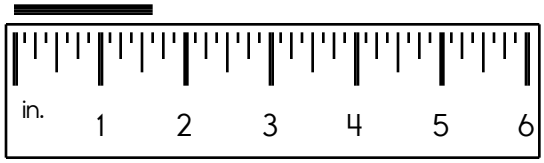
The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| R | C | Y | | S | S | D | M | G | G |
| | | R | S | T | | Y | | | R |
| V | N | G | S | R | M | S | Y | N | |
| | D | | | | M | L | B | | T |
| R | Y | C | L | P | | | | | |
| T | M | D | | | N | D | R | S | F |
| B | | C | | M | | | O | M | |
| T | C | | W | | R | D | S | | L |
| G | K | | T | T | | N | E | M | |
| | | W | D | R | | P | P | | D |

GENIUS • SUMMON • DROPPED
SLIDE • MAYBE • COWARD
BECOME • CANDY • KITTEN • REVERT
STRIPE • GRATEFUL • ROSE

Write the length in inches.

_____




What is the value of the BIG digit?

61,4**9**6,972

_____

$9\overline{)81}$

Write an odd number with a four in the thousands place.

_____

Write the number with 4 hundreds and 5 thousands.

_____

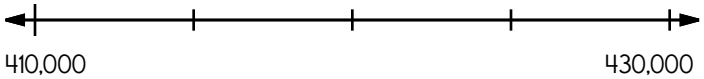
$6\overline{)12}$ $8\overline{)56}$ $4\overline{)16}$

$3\overline{)27}$ $6\overline{)18}$ $4\overline{)20}$

Gavin's birthday is in August. Erin's birthday is five months after Gavin's birthday. What month is Erin's birthday?

_____

Locate where to put the number 420,000 and label the point K.



**Name:** _____

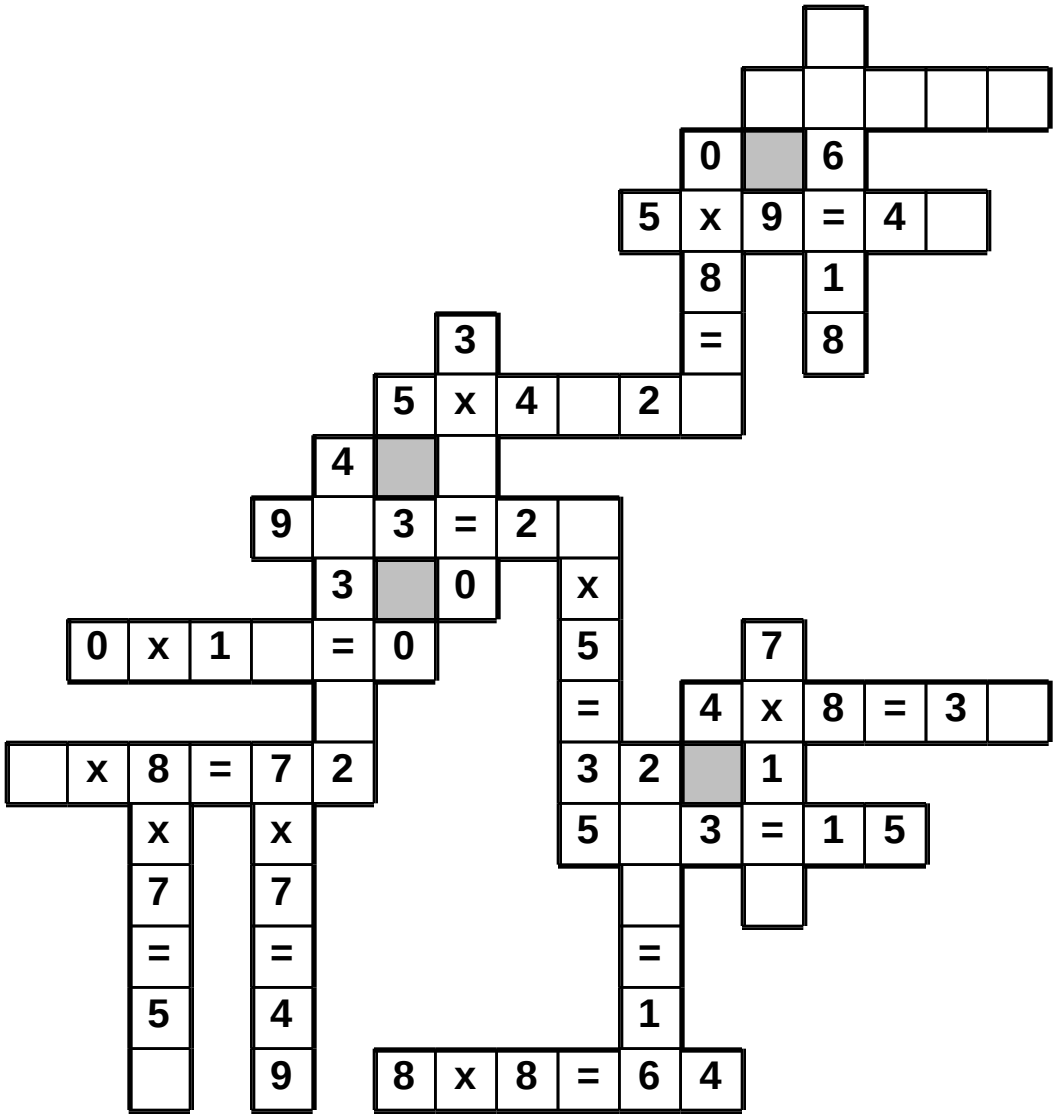
| | | |
|---|---|---|
| 75,769<br>+ 6,101 | 19,635<br>- 3,903 | 75,306<br>- 5,409 |
| 41,696<br>- 5,865 | 34,428<br>+ 3,175 | 89,104<br>+ 6,982 |
| 22,653<br>+ 23,180 | 109,480<br>- 23,820 | 19,860<br>+ 66,719 |
| 66,651<br>+ 12,672 | 122,831<br>- 70,595 | 116,934<br>- 85,440 |
| 72,166<br>+ 35,441 | 86,629<br>- 15,872 | 71,276<br>+ 11,867 |
| 47,416<br>+ 52,363 | 154,082<br>- 98,264 | 109,560<br>- 81,757 |
| 70,388<br>- 38,094 | 73,901<br>+ 60,652 | 81,278<br>- 15,064 |

9
+ 3
□
+ 3
□
+ 4
□
+ 6
□
+ 7
32
+ □
36
- □
27
- 3
□
- 2
22
+ □
29
- □
25

**Name:** _____

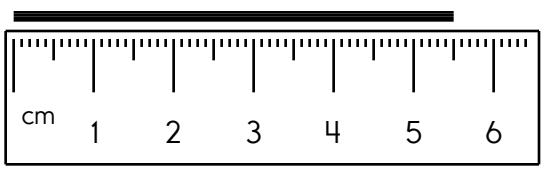
3 • 1 • x • 7 • = • 7 • 5 • = • 0 • 0 • x • 7 • 2 • 1 • 2 • 9
x • 8 • 7 • 6

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




Write the length in millimeters.

_____




Thornton Wilder's birthday is 13 days after Jacob's birthday. Jacob's birthday is March 27. On what date is Thornton Wilder's birthday?

$$\begin{array}{r} 43 \\ +\ 85 \\ \hline \end{array}$$

**Name:** _____

1 centimeter = 10 millimeters
5 centimeters = 50 millimeters
100 millimeters = 10 centimeters

Draw a line to match each problem with the same answer.

| | | | |
|---|---|---|---|
| 60 millimeters | 9 centimeters | 70 millimeters | 40 millimeters |
| 70 centimeters | 6 centimeters | 8 centimeters | 2 centimeters |
| 900 millimeters | 90 centimeters | 80 millimeters | 4 centimeters |
| 90 millimeters | 700 millimeters | 20 millimeters | 7 centimeters |

In the parking lot there are 13 vehicles. There are 3 SUVs. What fraction of the vehicles are not SUVs?

$18 \div 6 =$

The number 61 is more than the number 6 by how much?

60, 35, 55, 45, 50, 55, 45, 65, 40, 75, 35, _____, 30, 95

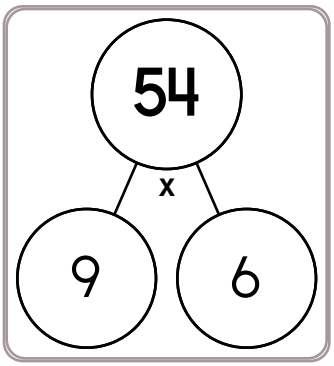
What number is halfway between 15 and 19?

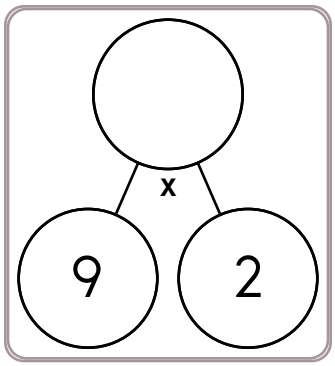
What is the sum of 10 and 456?

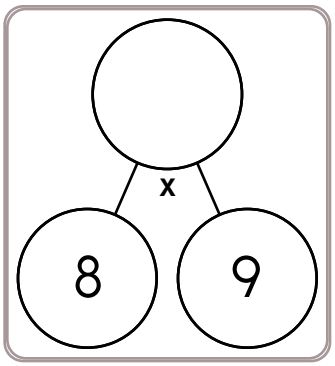
Rewrite the sentence correctly.
To make ise creem you need sugar salt cream and eggs.

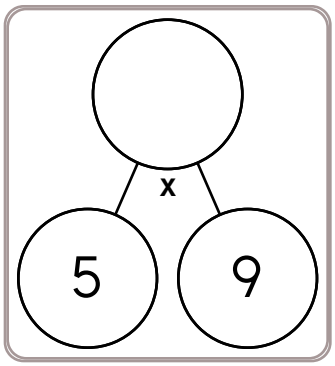
_____

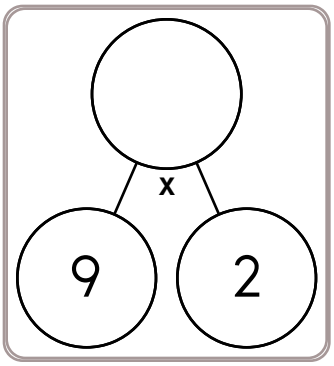
**Name:** _____

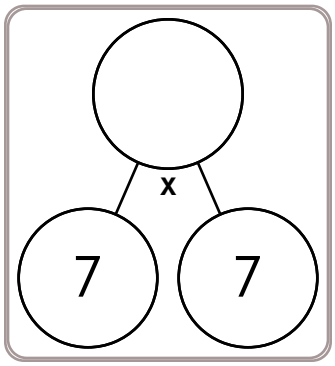


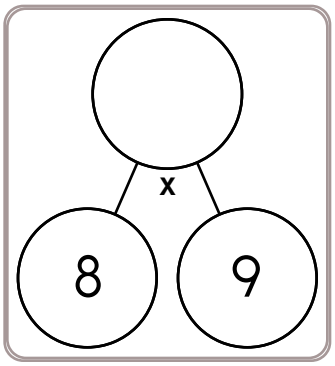



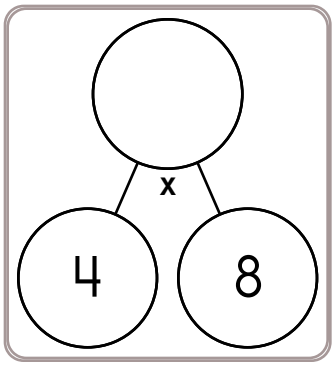



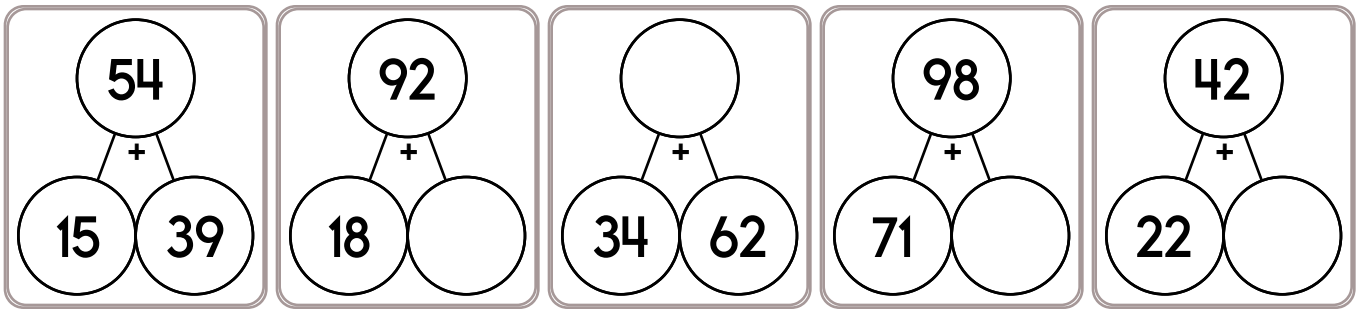



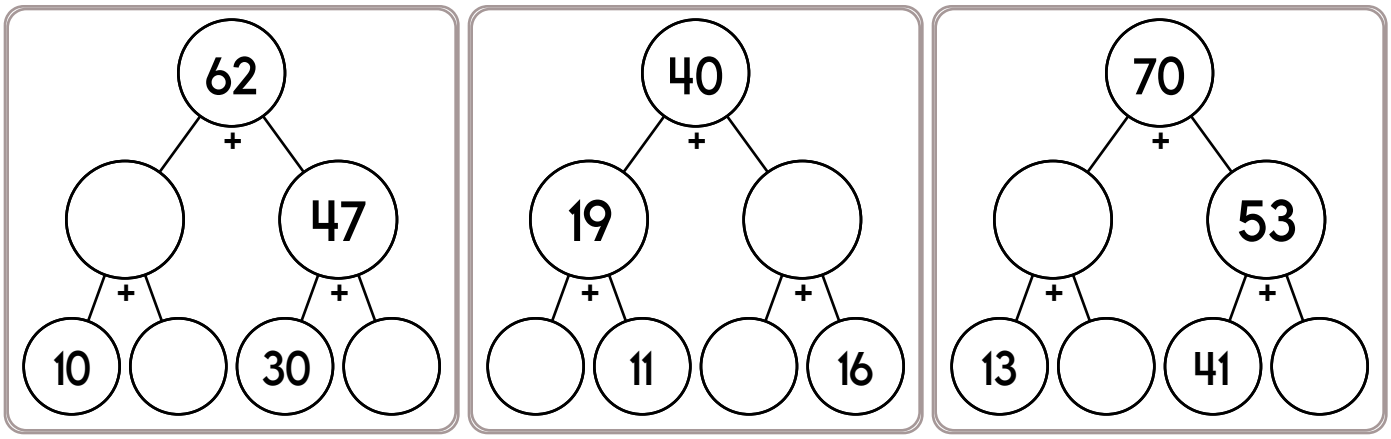



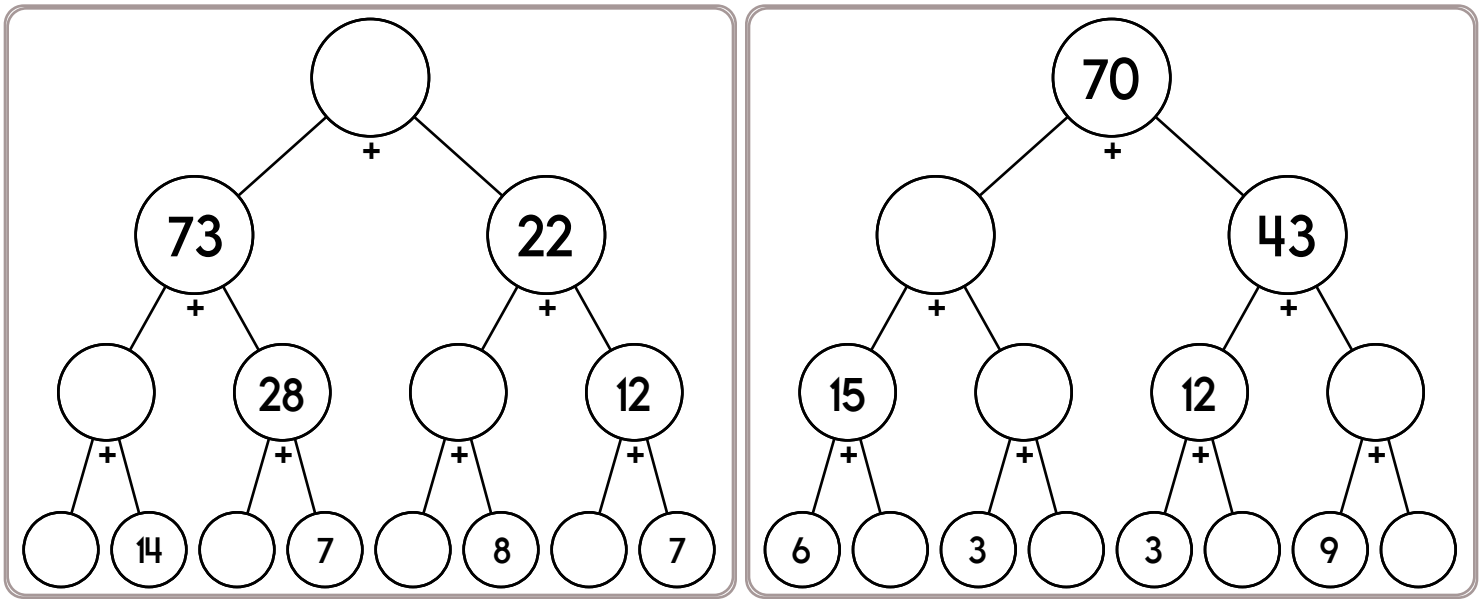
| | | |
|---|---|---|
| 8 x 7 = | 9 x 2 = | 7 x 8 = |
| 8 x 6 = | 9 x 6 = | 5 x 5 = |
| 7 x 2 = | 4 x 9 = | 4 x 4 = |
| 6 x 6 = | 2 x 6 = | 5 x 4 = |

| | | |
|---|---|---|
| ___ x 8 = 40 | 3 x ___ = 24 | 4 x ___ = 28 |
| ___ x 3 = 21 | 7 x ___ = 28 | ___ x 9 = 72 |
| 3 x ___ = 12 | ___ x 9 = 45 | 5 x ___ = 10 |
| ___ x 7 = 56 | ___ x 6 = 42 | 3 x ___ = 9 |

**Name:** _____




What is the least common multiple of 6 and 8?

What is the greatest common factor of 9 and 3?

What is the greatest common factor of 8 and 10?

word root **vol** can mean **will** **volunteer, volition**

**Name:** _____

Justin bought a box of chocolate candy for his mother. The candy cost $4.60. Justin gave the clerk a twenty-dollar bill. How much change did Justin get?

Ms. Lee bought 8 $\frac{1}{2}$ pounds of apples to make pies. She baked 4 pies. Each pie took 1 $\frac{1}{2}$ pounds of apples. How many pounds of apples did she have left after she baked the pies?

Peter's mother made tomato soup from fresh tomatoes. For each $\frac{2}{3}$ cup of soup she had to cut up 1 medium tomato. If she made 6 cups of soup, how many tomatoes did she use?

Maria has 28 books. She organized them equally into 4 boxes. How many books in each box?

11 x 121 ÷ 11

What number is halfway between 0 and 24?

Amanda has 2 liters of milk to pour into glasses. If each glass holds 200 milliliters of milk, how many glasses can she fill?

Kevin and Connor went on a hike and got lost in the woods. They left on the hike at 9:36 a.m. and didn't get back until 5:13 p.m. How long were they gone on the hike?

Penguins have about 70 feathers per square inch. How many feathers would a penguin have on one square foot? (Hint: There are 144 square inches in one square foot.)

In the equation 20 x 339 = 6,780, which number is the product?

12 x 7 =

Round 438 to the nearest hundred.

**Name:** _____

Add one set of parenthesis to each equation so that the equation is true.

| | |
|---|---|
| (5 + 7) ÷ 2 = 6 | 9 + (11 x 7) = 86 |
| 8 + 10 x 8 = 88 | 8 + 10 x 8 = 144 |
| 4 + 4 x 8 = 64 | 4 + 4 x 8 = 36 |
| 10 + 6 + 8 = 24 | 3 x 6 ÷ 1 = 18 |
| 4 + 11 + 9 = 24 | 1 + 3 + 10 = 14 |
| 2 + 12 ÷ 12 = 3 | 3 + 10 - 3 = 10 |
| 3 x 10 + 9 - 4 = 53 | 8 x 12 + 7 - 6 = 97 |
| 8 + 9 x 7 ÷ 7 = 17 | 6 + 9 + 7 - 8 = 14 |
| 7 - 1 + 8 + 12 = 26 | 1 + 6 + 4 ÷ 4 = 8 |

**Name:** _____

| x | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | | | | | | | | 14 | | | | | |
| 3 | | | 6 | | | | | | | | | | |
| 4 | | | | | | | | | | | | | 48 |
| 5 | | | | | 20 | | | | | | | | |
| 6 | | | | | | | 36 | | | | | | |
| 7 | 0 | | | | | | | | | | | | |
| 8 | | 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | 81 | | | |
| 10 | | | | | | | | | | | | 110 | |
| 11 | | | | 33 | | | | | | | | | |
| 12 | | | | | | | | | 96 | | | | |

| | | | | |
|---|---|---|---|---|
| 4 x 7 = | 7 x 0 = | 10 x 12 = | 5 x 10 = | 6 x 8 = |
| 12 x 12 = | 2 x 0 = | 10 x 10 = | 8 x 4 = | 9 x 6 = |
| 7 x 11 = | 5 x 5 = | 5 x 1 = | 10 x 8 = | 4 x 2 = |
| 2 x 0 = | 6 x 9 = | 12 x 3 = | 8 x 10 = | 9 x 9 = |

**Name:** _____

Elizabeth, Jasmine, Julia, and Thomas each ate something different for breakfast. One had waffles, one had a bagel, one had sausages, and one had yogurt for breakfast.

What did each person have for breakfast?

1. Julia did not have a bagel or yogurt for breakfast.
2. Thomas likes to eat either a bagel or sausages for breakfast.
3. Jasmine did not have yogurt for breakfast.
4. Only Thomas and Elizabeth like meat for breakfast.

Elizabeth had _____ for breakfast.

Jasmine had _____ for breakfast.

Julia had _____ for breakfast.

Thomas had _____ for breakfast.

Puzzle:

| | | | | | |
|---|---|---|---|---|---|
| | | | | | 33 |
| | | | | | 29 |
| | | | | | 17 |
| | | | | | 31 |
| | | | | | 21 |
| 26 | 32 | 24 | 25 | 24 | + |

Work Area:

| | | | | | |
|---|---|---|---|---|---|
| | | | | | 33 |
| | | | | | 29 |
| | | | | | 17 |
| | | | | | 31 |
| | | | | | 21 |
| 26 | 32 | 24 | 25 | 24 | + |

The sum for each column and row is given.

= _____ = _____ = _____

= _____ = _____ = _____

**Name:** _____

## Sudoku Sums of 11

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 11.

Here is an example of a sudoku sum of 11:

| 8 | 3 |
|---|---|

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

How many tens are in the number 2,200?

Name the shape with six sides and six angles.

At 1 p.m. today, Jessica will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

Maria has 29 nickels. How much money is that?

___ ÷ 3 = 6

Is 34 a composite or a prime number?

**Name:** _____

Cross off the letter that does NOT belong.

P, J, L, N, I, L, H, J, G, H, F

**Why does _____ not belong in the pattern?**

Cross off the number that does NOT belong.

$5\frac{6}{9}$ , $5\frac{3}{9}$ , 5, $4\frac{6}{9}$ , $4\frac{3}{9}$ , 4, $3\frac{6}{9}$ , $3\frac{3}{9}$ , 3,

$2\frac{6}{9}$ , $2\frac{3}{9}$ , 2, $1\frac{6}{9}$ , $1\frac{5}{9}$ , $1\frac{3}{9}$ , 1, $\frac{6}{9}$

**Why does _____ not belong in the pattern?**

**Name:** _____

Complete each pattern. Write what the rule is for each pattern.

$\frac{1}{4}$ , $\frac{1}{2}$ , (1) , (2) ,

(4) , (8) , (16) , _____

$\frac{1}{256}$ , $\frac{1}{64}$ , $\frac{1}{16}$ , $\frac{1}{4}$ , (1) ,

(4) , (16) , _____

Complete each pattern. Write what the rule is.

| | | |
|---|---|---|
| 220 | 207 | 194 |
| 181 | | 155 |
| 142 | 129 | |
| 103 | | 77 |

**Name:** _____

Complete each pattern.

o, 1, 0, o, 1, ___, ___, 1, 0, o, 1, 0

7, e, 8, m, 7, e, 8, m, 7, e, 8, m, 7, ___, ___

Complete each pattern. Write what the rule is.

26, 28, 30, 34, 38, 44, 50, 58, 66, _____, _____, 98, 110, 124

43, 45, 47, 51, 55, 61, _____, _____, 83, _____, 103, 115, 127, 141

**Name:** _____

Cross off the number that does NOT belong.

40, 45, 50, 55, 60, 65, 70, 73, 75, 80

**Why does _____ not belong in the pattern?**

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

2465, 4652, 6524, 5246, 2465, 4652, 6524, 5246,

4652, 2465, 4652, 6524, 5246, 2465, 4652

**Why does _____ not belong in the pattern?**

**Name:** _____

Russia, Norway, and Finland were awarded gold (6, 8, and 5), silver (6, 3, and 7), and bronze (3, 8, and 7) medals. Figure out how many of each type of medals were won by each of the three countries.

For example, country x may have won 6 gold, 7 silver, and 8 bronze medals. However, if country x won 6 gold medals, that means country z did not win 6 gold medals. Instead, country z may have won 8 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won an odd number of bronze medals and six silver medals.
2. One country won eight gold medals. The same country also won three silver medals.
3. Norway won either six or seven silver medals.
4. Finland won fewer gold medals than bronze medals. Finland also won the same number of gold medals as silver medals.
5. Russia won the fewest silver medals.
6. Russia won a total of fourteen medals.
7. Norway won the most bronze medals.
8. Norway won either five or six gold medals.
9. Finland won three bronze medals in speed skating as well as two bronze medals in alpine skiing.

Russia won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Norway won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Finland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

35 ÷ 5 =

triple 13 =

70, 80, 90, _____, 110, 120, 130, 140

**Name:** _____

Kaitlyn, David, Joseph, and Lauren each wrote a report on a different planet (Saturn, Jupiter, Mercury, and Neptune).

Figure out which planet each person studied.

1. Joseph has the smallest planet.
2. Lauren's planet is the fifth planet from the sun.
3. Mercury is closer to the sun than Kaitlyn's planet.
4. David's planet is closer to the sun than Kaitlyn's planet.
5. Neptune is further from the sun than David's planet.
6. Lauren's planet has rings.

Kaitlyn studied _____.

David studied _____.

Joseph studied _____.

Lauren studied _____.

Puzzle:

| | | | |
|---|---|---|---|
| | | | 392 |
| | | | 126 |
| | | | 90 |
| 360 | 28 | 441 | X |

Work Area:

| | | | |
|---|---|---|---|
| | | | 392 |
| | | | 126 |
| | | | 90 |
| 360 | 28 | 441 | X |

The product for each column and row is given. Blanks use numbers 2 to 9 only.

= _____

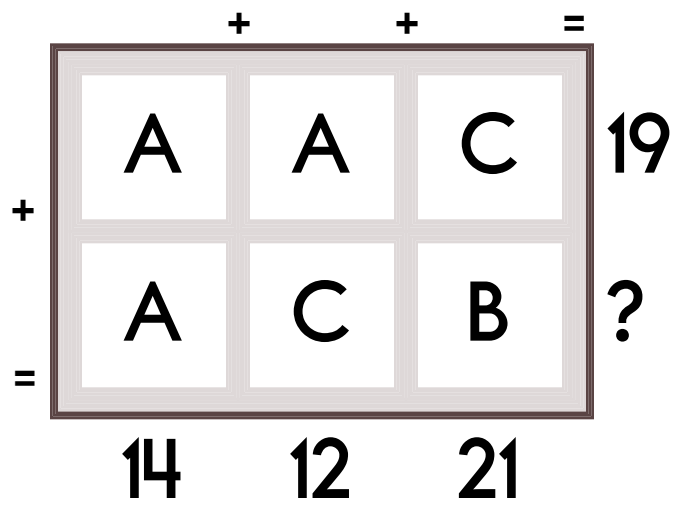
= _____

= _____

= _____

= _____

**Name:** _____




## Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

A + A = 14 ___ + C = 12 ___ + ___ + ___ = 19

___ + ___ = 21

Additional hints:

C is the smallest. A < 13 A = C + 2

## Show Work:

## Solve:

? = ___

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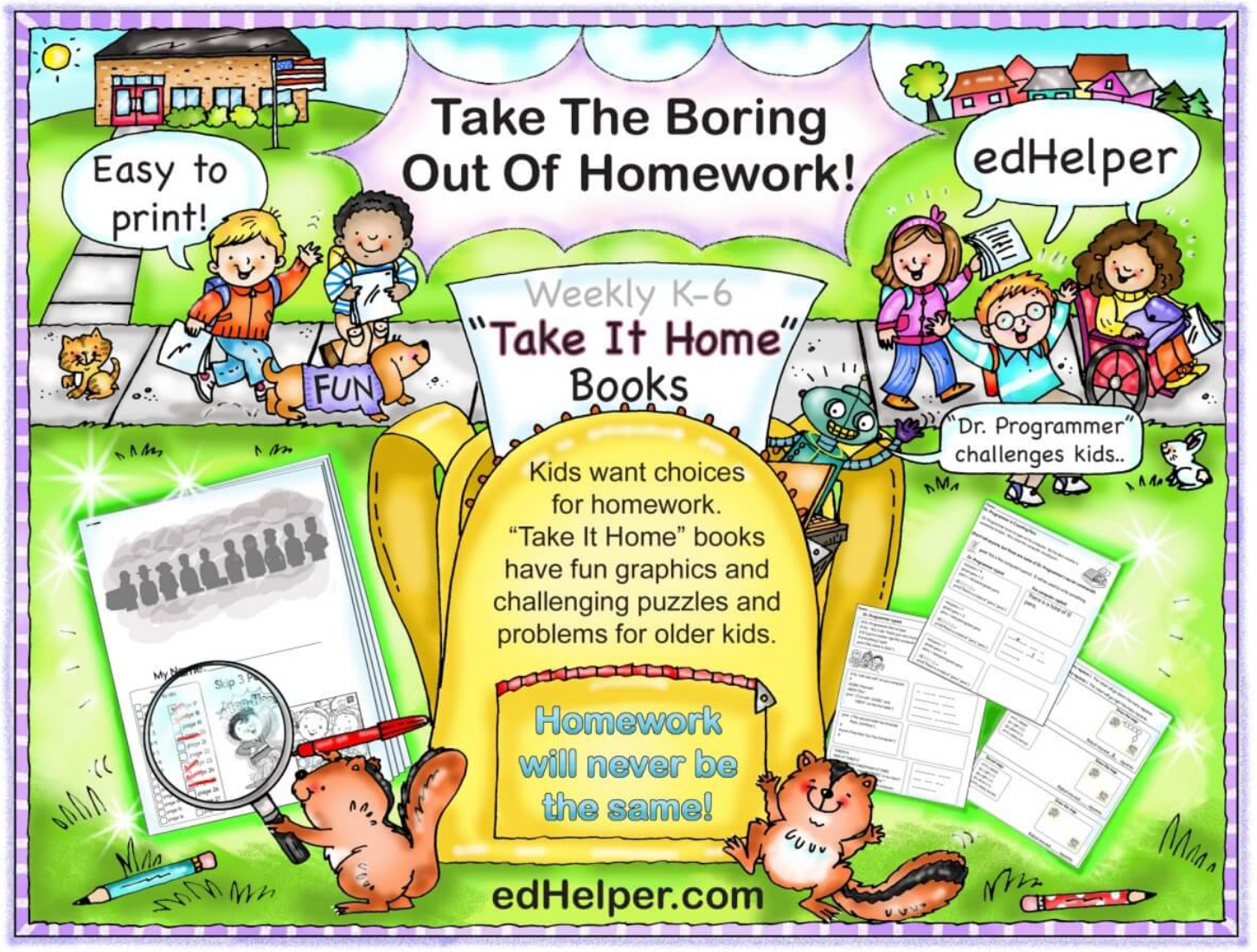
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