Name: _____

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.

4 | 120 84
3 | 30 21
10 7

LCM: 4 x 3 x 10 x 7 = 840

2 | 54 60
3 | 27 30

LCM: _____

3 | 54 36

LCM: _____

4 | 96 48

LCM: _____

3 | 36 21

LCM: _____

36 45

LCM: _____

40 20

LCM: _____

45 21

LCM: _____

170 90

LCM: _____

36 48

LCM: _____

Name: _____

Spin again.

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

Find the LCM using the Birthday Cake method.

3 | 48 42
2 | 16 14
8 7

LCM: 3 x 2 x 8 x 7 = 336

3 | 36 27
3 | 12 9

LCM: _____

2 | 60 72

LCM: _____

2 | 48 32

LCM: _____

4 | 120 144

LCM: _____

30 60

LCM: _____

30 28

LCM: _____

28 20

LCM: _____

60 30

LCM: _____

50 75

LCM: _____

68 28

LCM: _____

Name: _____

Megan is less than 15 years old. She is half as old as Nathan. In 6 years, Megan will be $\frac{3}{5}$ years as old as Nathan. How old is Nathan?

Nathan will not tell you how many points he has in the PointsGazoomer app. All he told you is that if you triple the number of points you have, then you will have one-half the number of his points. You have 268,152 points. How many points does Nathan have?

This fraction is not in simplest form. When this fraction is reduced to simplest form, the numerator is 4 less and the denominator is 8 less. Whew! That's confusing! The numerator of this fraction is 5. What is this fraction?

Name: _____

Hunter reads very fast. Sometimes he isn't sure what he has read, he reads so fast. He can read 6.3 pages in 0.15 hours. How many pages can he read in 2 hours?

Uncle Joe made chocolate chip cookies. Peter ate fifty percent of them right away. Jacob ate fifty percent of what was left. Twelve cookies remain. How many cookies did Uncle Joe make?

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted sends an average of 54 texts in only 4 minutes. At precisely 3:26 Ted finally sat down outside of school to play his phone. He played his phone until 3:51 when his phone ran out of power. How many texts do you think Texty Ted sent?

Rewrite these numbers in order from greatest to least.

-7 -7.0708 -6.8792 -6.2078 -6

word root **scrib** can mean **write or written** **indescribable**

Name: _____

293 − 147	268 − 225	609 − 453	436 − 387	545 − 162
978 − 283	781 − 757	452 − 279	683 − 171	895 − 530

954 = + 799, 155	453 = + ___, 157	940 = + ___, 464	1147 = + 391, ___
1214 = + 865, ___	1410 = + ___, 821	1375 = + 843, ___	954 = + 799, ___

52 x 3 =	49 x 4 =	14 x 8 =
69 x 8 =	84 x 8 =	68 x 3 =
70 x 5 =	29 x 6 =	66 x 9 =
50 x 6 =	58 x 9 =	98 x 7 =

Name: _____

Hunter collects everything he can find about Walt Disney. Some day he wants to be an artist at the Walt Disney Studios. His favorite character is Mickey Mouse. One day he found a Mickey Mouse figurine that he didn't have. The price of the figurine was $53.72. Hunter has $27.15 in his savings account. How much more money does he need to buy the figurine?

Jacob is putting marbles in bags. The bags of marbles are prizes for the weird contests that will be held today. He has 1,236 marbles. If he puts more than five marbles in each bag, what is the smallest number of marbles he can put in each bag and have no marbles left over?

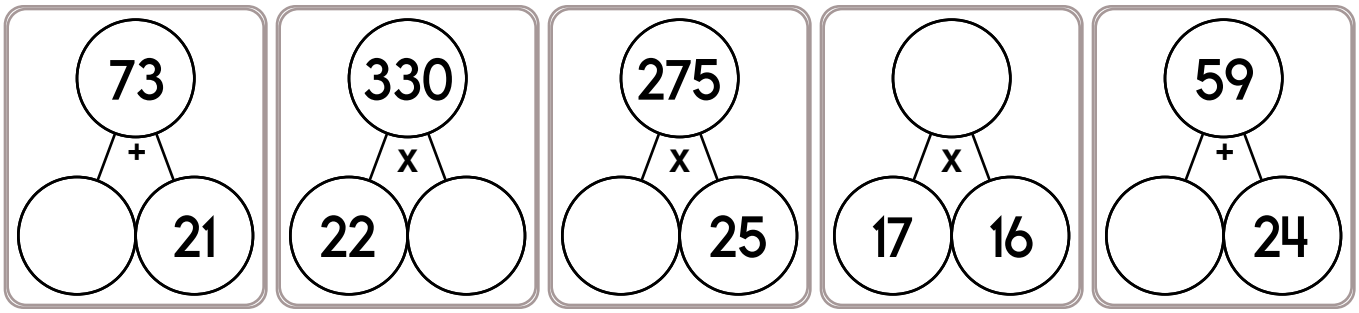
What is 3% of 74?

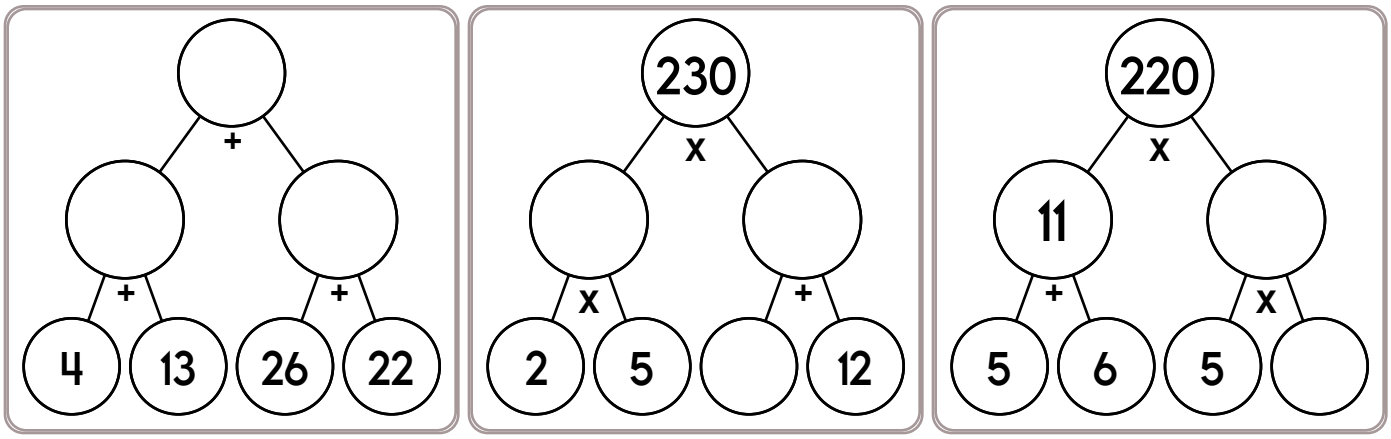
In each group, use 4 of the numbers to make a proportion.

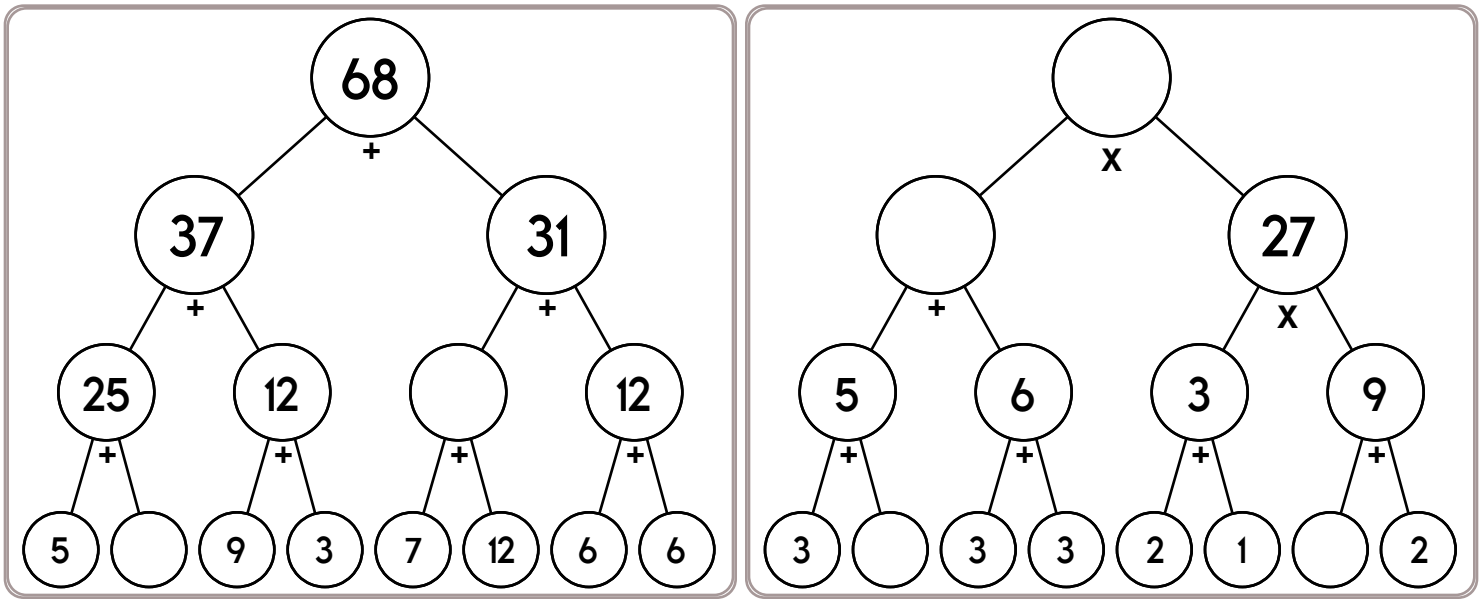
36	40	90	81	44	38

30	108	90	32	25	49

Name: _____







Multiply 3266 and 2.

Find the product of 320 and 6.

$$\begin{array}{r} 88 \\ \times\ 14 \\ \hline \end{array}$$

word root **ann** can mean **year** **annual, anniversary**

Name: _____

The student to teacher ratio at the school built by the Peace Corps volunteers is 41:2. If there are 12 teachers in the school, how many students are there?

Ms. Robinson packs bags of pretzels into boxes. Each box holds 24 bags. There are 5 boxes in a case. Today Ms. Robinson packed 20 cases of pretzels. How many bags of pretzels did she pack?

There were 12 $\frac{1}{2}$ cheese wheels in the cooler at Gavin's restaurant. Gavin directed Kevin to cut the wheels into usable sized pieces, each piece being $\frac{1}{8}$ of a cheese wheel. How many pieces were there when Kevin was done with the cutting?

If $4x = 52$, then $x =$

0.5×0.6

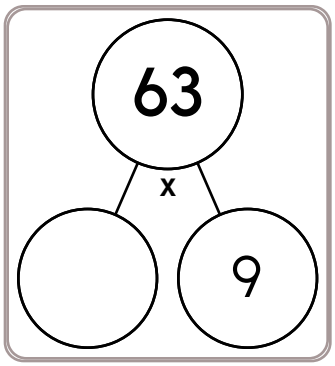
$\frac{2}{6} \div \frac{5}{18} =$

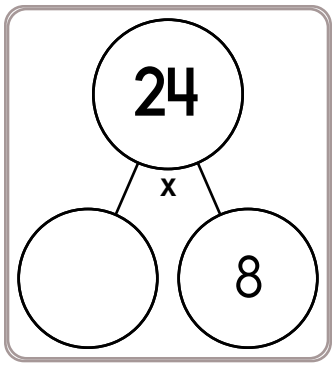
Alex brought a large container of nuts to school to share with his friends on National Nut Day. The ratio of macadamia nuts to walnuts to peanuts was 1:4:7. If there were a total of forty-eight nuts, how many peanuts were in the container?

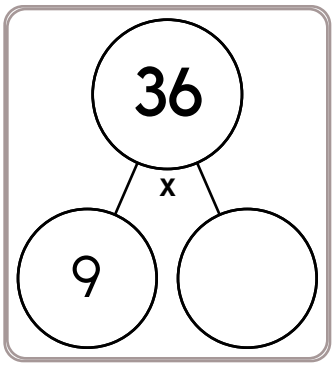
Hunter decided to run one mile every 5 days. Jack decided to run two miles every 6 days. If they both start on Friday, May 15, when will they both run on the same day again?

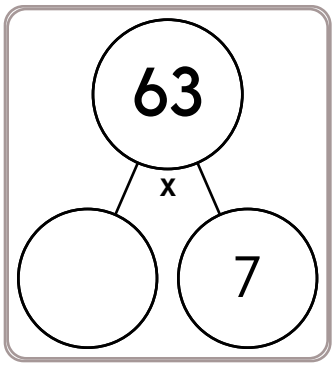
The mass of Anne's cat is 16 grams more than Megan's cat. Megan's cat is 32 grams more than twice the mass of Megan's cat. Megan's cat's mass is 1,443 grams. What is the mass of Megan's cat?

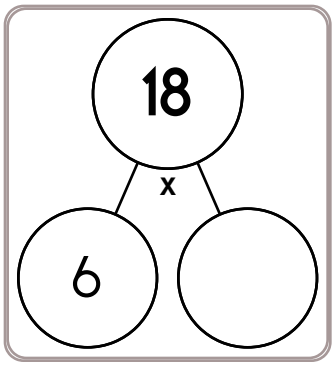
Name: _____

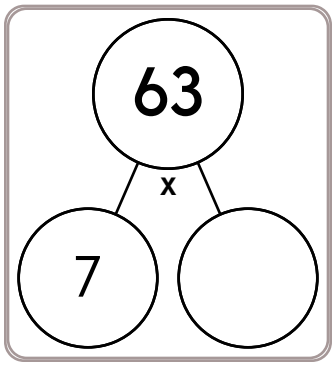


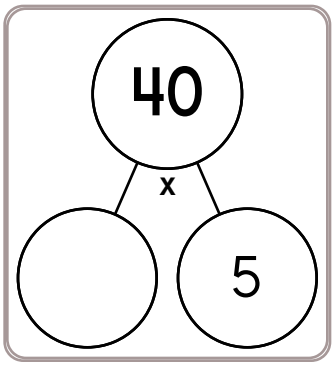


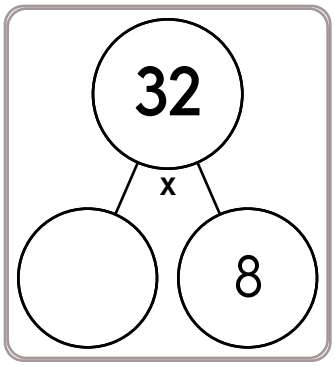










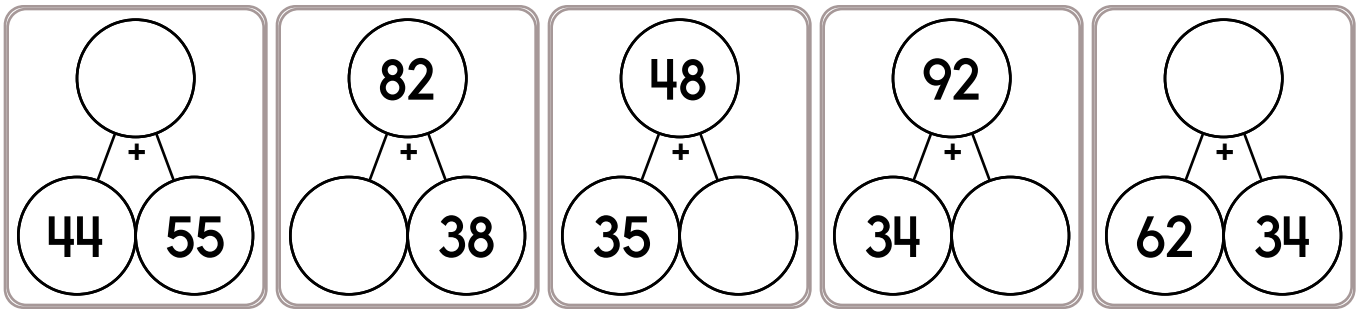


$7\overline{)49}$ $5\overline{)45}$ $4\overline{)16}$ $2\overline{)8}$

$7\overline{)21}$ $4\overline{)28}$ $2\overline{)18}$ $8\overline{)32}$

$4\overline{)24}$ $9\overline{)63}$ $8\overline{)64}$ $5\overline{)15}$

Name: _____



If a = 6 and w = -14 then what is 10a + 9w - 4w = ?

2 + 50 ÷ 5 - 40 ÷ 10 =

7v - 16.9 = 42.6

v =

Rewrite as an algebraic expression or equation.

Add a to the product of 12 and 6

The angles in a quadrilateral measure 147°, 83°, 97°, and m°. What is the value of m?

If v = 5, j = -6, and x = 5 then what is v - j + x?

Write as an algebraic expression.

$47\frac{}{13}$ divided by the difference of j and b

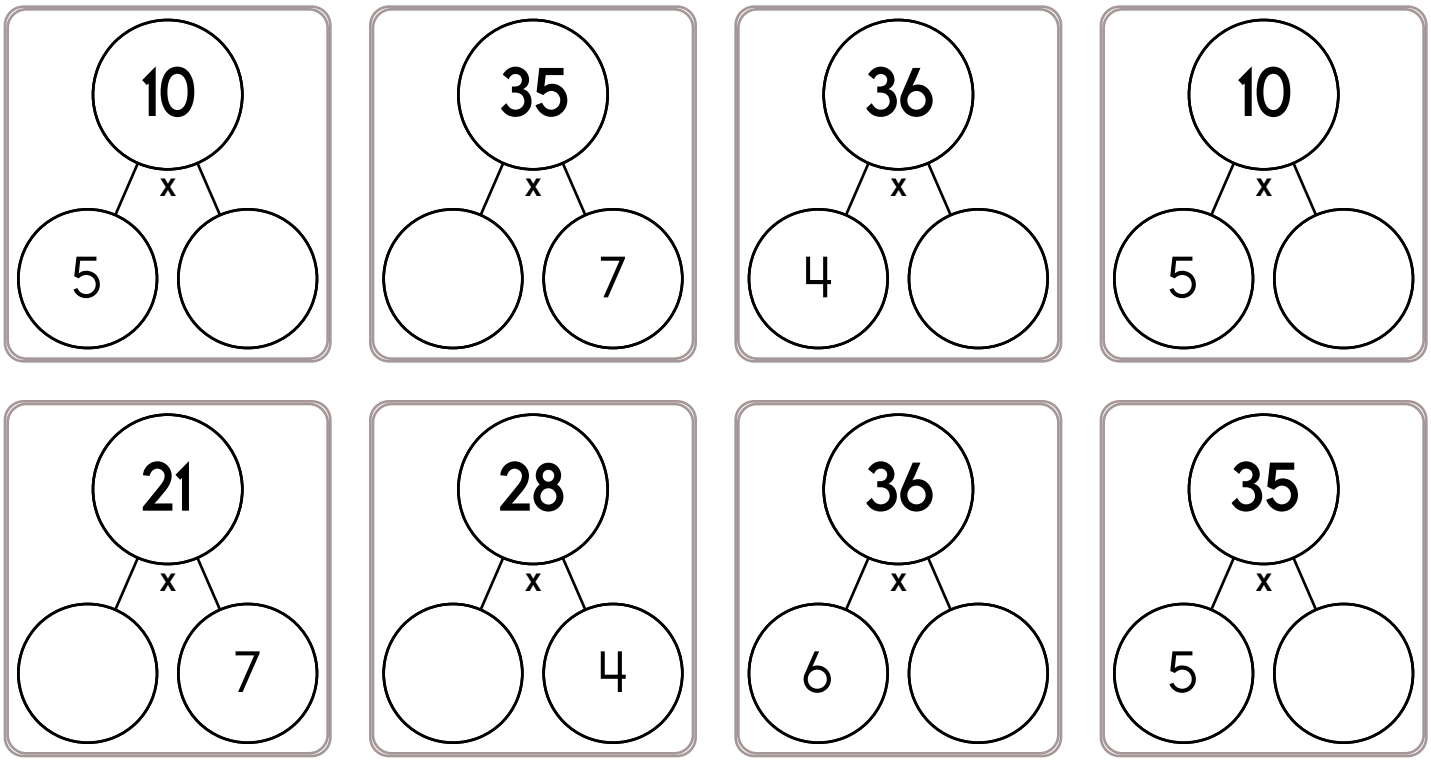
$15.2292 \times 10^{4} =$

What is the value of f?

2f + 18 - 7f = -9

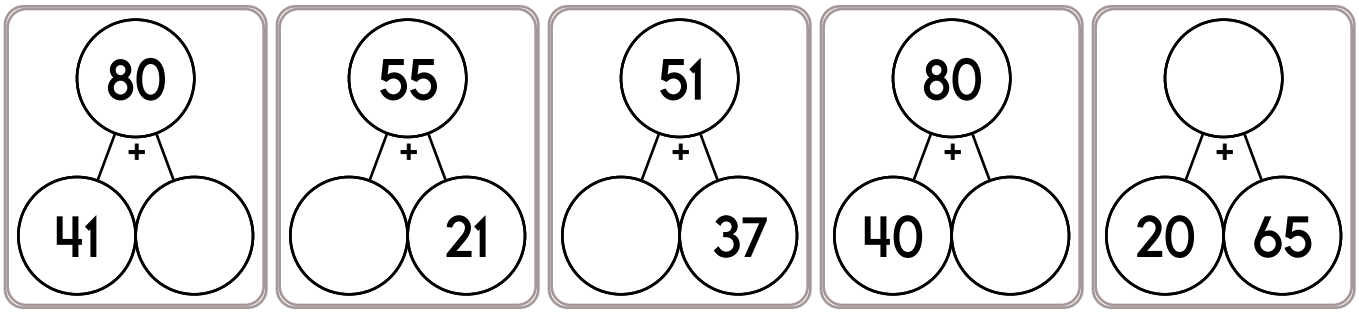
Name: _____

36 − 3	78 − 6	72 − 4	18 − 5	40 − 4	21 − 7
79 − 8	98 − 7	77 − 4	58 − 5	26 − 9	57 − 8



10 ÷ ___ = 2	40 ÷ ___ = 4	___ ÷ 9 = 6
___ ÷ 11 = 5	___ ÷ 6 = 10	24 ÷ ___ = 12
44 ÷ ___ = 11	___ ÷ 6 = 12	14 ÷ ___ = 2
16 ÷ ___ = 8	___ ÷ 8 = 7	___ ÷ 12 = 4

Name: _____



On a number line, what is the number that is 5 to the left of 2?

9 - 15 =

On a number line, what is the number that is 10 spaces right of -6?

Rewrite $\frac{53}{100}$ as a decimal.

Each side of a regular pentagon is 28.7 centimeters. What is the perimeter?

In what quadrant would you find the point (-10, 18)?

3 + 12 ÷ 2

|-9| + z = 7

z =

Rewrite in scientific notation.

96,020,000

(5 + 18) + 9 = 2(3 + 13)

If a = 5 and b = 78.3, then
2a + 78.3 - a =

0.1 (0.7 (0.1 + 3)) =

9 x 12 = _____

Name: _____

It was 8 degrees below zero in the morning. By afternoon the temperature rose 28 degrees. How warm was it?

How many minutes is it from 7:00 a.m. to 10:30 a.m.?

How much time is it from 9:00 a.m. to 10:30 a.m.?

The perimeter of a rectangle is 18 cm. The longer side is 7 cm. How long is the shorter side?

How many meters are there in 60 kilometers?

2, 22, 29, 319, _____, 3586, 3593, __, __

The area of a rectangle is 16 cm^2. What could the length of the 4 sides be?

3 + (24 ÷ 3) - 36 ÷ 6 =

$9 \times 9 = Z^y$

What is the value of Z and y?

0.5 x 0.06

What is the remainder of 34 divided by 4?

If w = -5 and y = 35 then what is 4w + 9y - 2y = ?

(9 + 14 + 4 + 11) =

$8 \times 8 \times 8 \times 8 = x^4$

What is the value of x?

A, J, B, M, _____, P, D, S, E, V

Name: _____

Wendy used masking tape to make a hopscotch outline on the floor of the playroom. She taped the full length and width of each of 8 squares. If she used 19 yards of masking tape, what were the measurements of each square?

Sarah bought 8 green bows to put in her horse's mane for the parade. Each bow cost $1.92. How much did Sarah spend on the bows?

Connor is feeling stressed this morning. He did not get enough sleep because a dog barked most of the night. The dog barked from 11:42 p.m. until 12:05 a.m. Then it started barking again at 3:25 a.m. and didn't stop until 4:10 a.m. How long did the dog bark in all?

$$\begin{array}{r} 323 \\ +\ 350 \\ \hline \end{array}$$

Hannah went to a restaurant. Her bill was $22. She wanted to give the food server a 15% tip. The tip came to $3.30.
Today her family went out. The bill was $66. If her family wants to give the same 15% tip, how much will the tip be?

$$\begin{array}{r} 365 \\ -\ 157 \\ \hline \end{array}$$

How many feet are in 5 yards?

_____ feet

100 ÷ 10 = _____

27 ÷ 3 =

$$\begin{array}{r} 74 \\ -\ 58 \\ \hline \end{array}$$

47,262 + 98,766 = _____

What number is halfway between 6 and 12?

Name: _____

(7 + 9) + 8 =

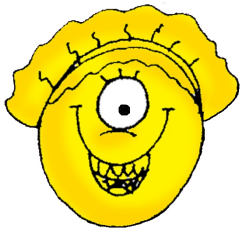
Write an equation to represent this:

The sum of nine and four is thirteen.

_____

```
  4 3
+ 3 7
-----
```

Amanda and Wendy are playing a number game.
Amanda says 81. Wendy replies that the answer is 9.
Amanda says 25. Wendy replies that the answer is 5.
Amanda says 9. Wendy replies that the answer is 3.
Amanda says 225. Wendy replies that the answer is 15.
Amanda says 49. Wendy is thinking. What number should Wendy reply with?



What is the largest possible product of two three-digit numbers? Show the two numbers.

858 + 713 = _____

9 x 10 = _____

13 lb = _____ oz

77 ÷ 11 = _____

Hannah and Anna are playing a number game.
Hannah says 8. Anna replies that the answer is 2.
Hannah says 12. Anna replies that the answer is 3.
Hannah says 16. Anna replies that the answer is 4.
Hannah says 76. Anna replies that the answer is 19.
Hannah says 36. Anna is thinking. What number should Anna reply with?

Name: _____

7 x 3 =

1 kg = 1,000 g

11 kg = _____ g

What time is 13 hours after 1:00 p.m.?

_____

Maria rolls two dice. What is the chance of her rolling a 5 on one die and a 2 on the other die?

_____

8,926 - 2,986 = _____

7 x 6 = _____

Fill in the missing operations to complete this equation:

25 ____ 37 ____ 29 = 954

Circle the greatest number:

97,761,435,289

146,718,540,623

908,253

35,917

4 x 6 = _____

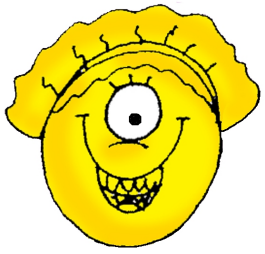
20 ÷ 5 = _____

What should replace the T in this equation?

18 ÷ T + 19 = 21

16 ÷ 8 = _____

6 x 12 =



96,574 - 87,597 = _____

8 x 2 = _____

90 ÷ 9 =

98,679 - 64,923 = _____

Anna rolls a die. What is the chance of her rolling a 3?

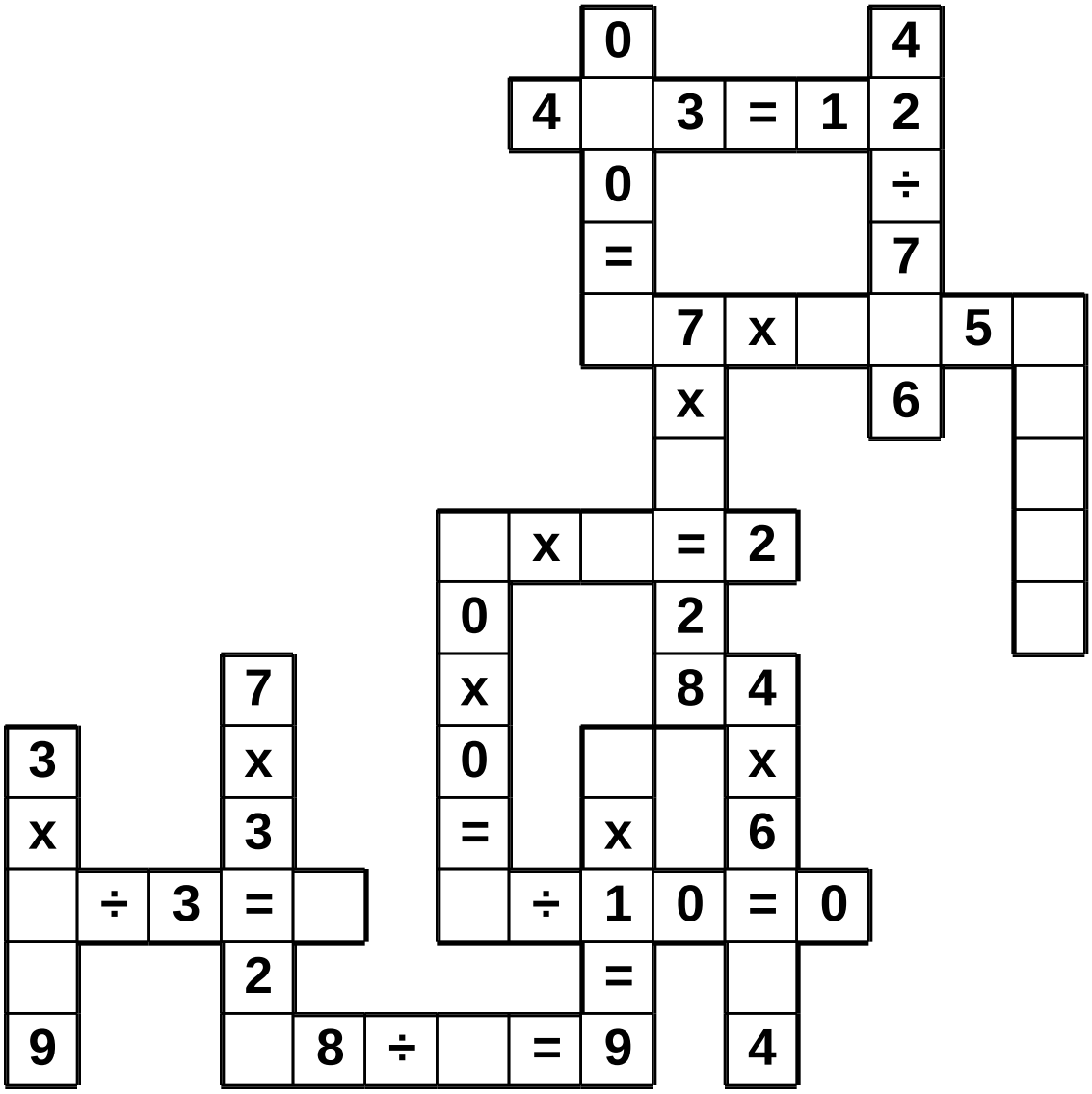
_____

18 ÷ 6 = _____

Name: _____

x • 0 • 8 • = • 6 • ÷ • 4 • 2 • 1 • 2 • = • 3 • 9 • 3 • 1 • 0 • = • 2 • 1 • 2

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



Write the missing family fact.

63 ÷ 3 = 21
21 x 3 = 63
63 ÷ 21 = 3

_____

50 ÷ 10 = _____

16 ÷ 8 = _____

4 x 7 =

6 ÷ 3 = _____

Name: _____

Cameron, Steven, Taylor, and Aaron watched television on Monday and Tuesday. On Monday they started watching at 8:00 p.m. and on Tuesday they started watching at 7:30 p.m. Their mother kept track of the time they each stopped watching.
On Monday the times they stopped watching TV were 8:50 p.m., 11:20 p.m., 9:50 p.m., and 11:10 p.m.
On Tuesday the times they stopped watching TV were 8:50 p.m., 10:10 p.m., 9:00 p.m., and 9:20 p.m.

1. Steven watched TV for one and one-third hours longer on Monday than on Tuesday.
2. The person that watched three and one-sixth hours of TV on Monday was not the one who watched two and two-thirds hours of TV on Tuesday.
3. Cameron watched TV for two and two-thirds hours on Tuesday.
4. Taylor watched TV for five-sixths of an hour on Monday.
5. Aaron watched less TV on Tuesday. Aaron only spent 9/11 as much time watching TV on Tuesday as he did on Monday.
6. Cameron watched less TV on Tuesday. Cameron only spent 4/5 as much time watching TV on Tuesday as he did on Monday.

Cameron stopped watching TV at _____ on Monday and _____ on Tuesday.

Steven stopped watching TV at _____ on Monday and _____ on Tuesday.

Taylor stopped watching TV at _____ on Monday and _____ on Tuesday.

Aaron stopped watching TV at _____ on Monday and _____ on Tuesday.

Can 790 be evenly divided by 10? Circle:
790 is evenly divisible by 10
790 is NOT evenly divisible by 10

6 x 7 = _____

2 x 3 = _____

word root **ir** can mean **in or not** **irrevocable**

Name: _____

What is the sum of the greatest number of degrees in an acute angle added to the least number of degrees in an obtuse angle?

A) 180

B) 250

C) 540

D) None of the above

Which of the following numerals has a 6 in the hundredths place?

A) 5.3967

B) 7.6739

C) 4.6379

D) 8.9673

What is the value of the 3 in 0.23680957?

A) 3 hundredths

B) 3 ones

Which of the following numerals has a 5 in the thousandths place?

A) 8.1258

B) 6.8512

C) 9.2185

D) 8.1528

Alexis got out of class at 2:50. She talked with friends for one-sixth of an hour. She then walked home which took one-fifth of an hour. What time did she arrive home?

A) 3:12

B) 3:02

C) 3:03

D) 3:00

What number is missing from the following sequence?

96, 86, 76, ____, 56, 46

A) 72

B) 66

C) 59

D) None of the above

Name: _____

X	9					8
	108 ___ x 9	___ x ___	___ x ___	___ x ___	___ x ___	___ x 8
	___ x 9	63 ___ x ___	___ x ___	___ x ___	___ x ___	___ x 8
12	12 x 9	12 x ___	96 12 x ___	12 x ___	96 12 x ___	96 12 x 8
	___ x 9	81 ___ x ___	72 ___ x ___	72 ___ x ___	___ x ___	___ x 8
	___ x 9	___ x ___	___ x ___	___ x ___	___ x ___	56 ___ x 8
8	72 8 x 9	8 x ___	64 8 x ___	8 x ___	8 x ___	8 x 8
	45 ___ x 9	___ x ___	___ x ___	___ x ___	40 ___ x ___	___ x 8
	___ x 9	___ x ___	___ x ___	64 ___ x ___	___ x ___	___ x 8

Two fancy pens cost $6. At that rate, what is the cost of 4 fancy pens?

40 ÷ 10 = _____

12 x 11 = _____

word root **tract** can mean **to draw or pull or draw out** **contract, extract, extraction**

Name: _____

Mr. and Mrs. Taylor's house needed a new roof. Mr. Taylor said they would get a new roof later. He procrastinated for three years. Finally, the roof fell in, and they had to build a new house. The new house cost $131,306.68. A new roof for the old would have cost $8,096.40. How much more did they spend because they procrastinated?

The Battle at Antietam was the bloodiest of the Civil War. About 2,000 Northerners and 2,700 Southerners were killed. Approximately 19,000 men from both sides were wounded, of which about 3,000 later died. How many men died at or as a result of the fighting at Antietam?

It was 70 degrees outside. What would the temperature be if it got 12 degrees colder?

A rectangle is 51 cm on one side and 15 cm on another side. What is the perimeter?

77 divided by 11 equals

Jenna bought 25 stamps that cost $0.32 each and 20 stamps that cost $0.35 each for her Older Americans Month cards. She paid for the stamps with a $20 bill. How much change did she receive?

Charles Lindbergh flew from Roosevelt Field, New York, to Le Bourget Field in Paris, France. He flew the 5,810 kilometers in 33.5 hours. What was his average speed? Round your answer to the nearest hundredth.

Robinson Crusoe spent a lot of time exploring his island. He walked 9.7, 5.6, 7.9, 7.7, 5.2, 6.6, and 5.9 kilometers during his first week. What was the average distance he walked each day? Round your answer to the nearest tenth.

Name: _____

Mr. Anderson, a notary public in Middletown, was asked to notarize a survey. The survey was of a piece of farmland that measured 1,301.24 feet by 1,459.5 feet. What was the area of the land surveyed?

As of 1997, Hoo Sateow of Chang Mai, Thailand, had the world's longest hair. At that time his hair was 203 inches long. Write the length of his hair in feet and inches.

Megan made a cake for Parent's Day for her mother and father. She used $2\frac{3}{4}$ cups of flour, $\frac{1}{3}$ of a cup of sugar, $\frac{1}{3}$ of a cup of cocoa, and $\frac{1}{2}$ of a teaspoon of cinnamon. What is the total quantity of dry ingredients Megan used in her cake?

$44 + n = 59$

85, _____, 95, 100, 105, 110, 115

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

Adam rolled a number cube labeled 1 to 6. If he rolled any number divisible by 3, he would win the Summer Fun game. What is the probability he won the game?

At Houdini's Magic Shop in Mathews, there is a book of magic tricks that costs $5.95. If you are a member of Houdini's Magic Shop Book Club, you can get 15% off. How much would you save on the book by being a member of the book club?

Justin packs boxes of loose tea into cartons for shipping. Each box measures 4 inches x 2 inches x 9 inches. The cartons are 24 inches x 14 inches x 27 inches. How many boxes of loose tea will fit into each carton?

Name: _____

Pay the bill!

Alex needs money. He wants to get $100 in cash, so he writes a check payable to cash in this amount. Write this check.

ALEX 1529

DATE _____

PAY TO THE ORDER OF _____ $ _____

_____ DOLLARS

MEMO _____ _____

⑆991201171⑆ ⑈44297⑈ 1529

Pay the bill!

Alex received a bill for his cellphone from Mobile Unlimited for $42.57. Write the check as Alex would write it.

ALEX 1530

DATE _____

PAY TO THE ORDER OF _____ $ _____

_____ DOLLARS

MEMO _____ _____

⑆991201171⑆ ⑈44297⑈ 1530

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

t - 11 + 15 = 20
What is the value of t?

Simplify.

$\frac{4{,}800}{8{,}000}$ =

(9 + 17) + 4 = 2(3 + 12)

D, L, E, M, F, N, G, O, _____, P

20 ÷ 2 + 5

Name: _____

Pay the bill!

Anna received a bill from Central Water for $79.98. Write the check as Anna would write it.

ANNA 1212

DATE _____

PAY TO THE ORDER OF _____ $ _____

_____ DOLLARS

MEMO _____ _____

⑆996149170⑆ ⑈6297⑈ 1212

Pay the bill!

Rent is due. Anna needs to pay her landlord $2,300. Her landlord's name is Sarah Walker.

ANNA 1213

DATE _____

PAY TO THE ORDER OF _____ $ _____

_____ DOLLARS

MEMO _____ _____

⑆996149170⑆ ⑈6297⑈ 1213

Write as a decimal.
Sixteen and one hundredth

Write as a decimal.

$\frac{1}{100}$

Write as a decimal.

$12\frac{8}{100}$

0.5 (0.2 (0.5 + 9)) =

4 + 88 ÷ 8 - 90 ÷ 10 =

What is the remainder of 90 divided by 14?

Name: _____

Four piggy banks contain a combination of quarters and dimes. Each piggy bank has ten, twelve, five, or seven quarters. Each piggy bank also has fourteen, five, nine, or ten dimes. Kylie, Jordan, Steven, and Robert are the owners of the piggy banks.

Figure out how many quarters and dimes each person has.

1. The value of Jordan's quarters is $1.50 more than the value of Jordan's dimes.
2. The person with $1.25 worth of quarters is not the one with $1.40 worth of dimes.
3. Steven has less than $1.75 worth of quarters.
4. Robert has a total of $3.90.
5. Kylie has either $1.40 or fifty cents worth of dimes.
6. If the number of quarters Kylie had were doubled, then the value of the quarters would be $3.50.

Kylie has _____ quarters and _____ dimes.

Jordan has _____ quarters and _____ dimes.

Steven has _____ quarters and _____ dimes.

Robert has _____ quarters and _____ dimes.

72 ÷ 9 =

Gavin took three numbers greater than 1 and multiplied them. One number was five and the other number was thirteen. Of course, he forgot the last number, but he remembered the product was 167. Is this possible?

12 x 9 = _____

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

five hundred sixty-seven thousand, six hundred sixty

_____

14 ÷ 2 = _____

8 x 4 = _____

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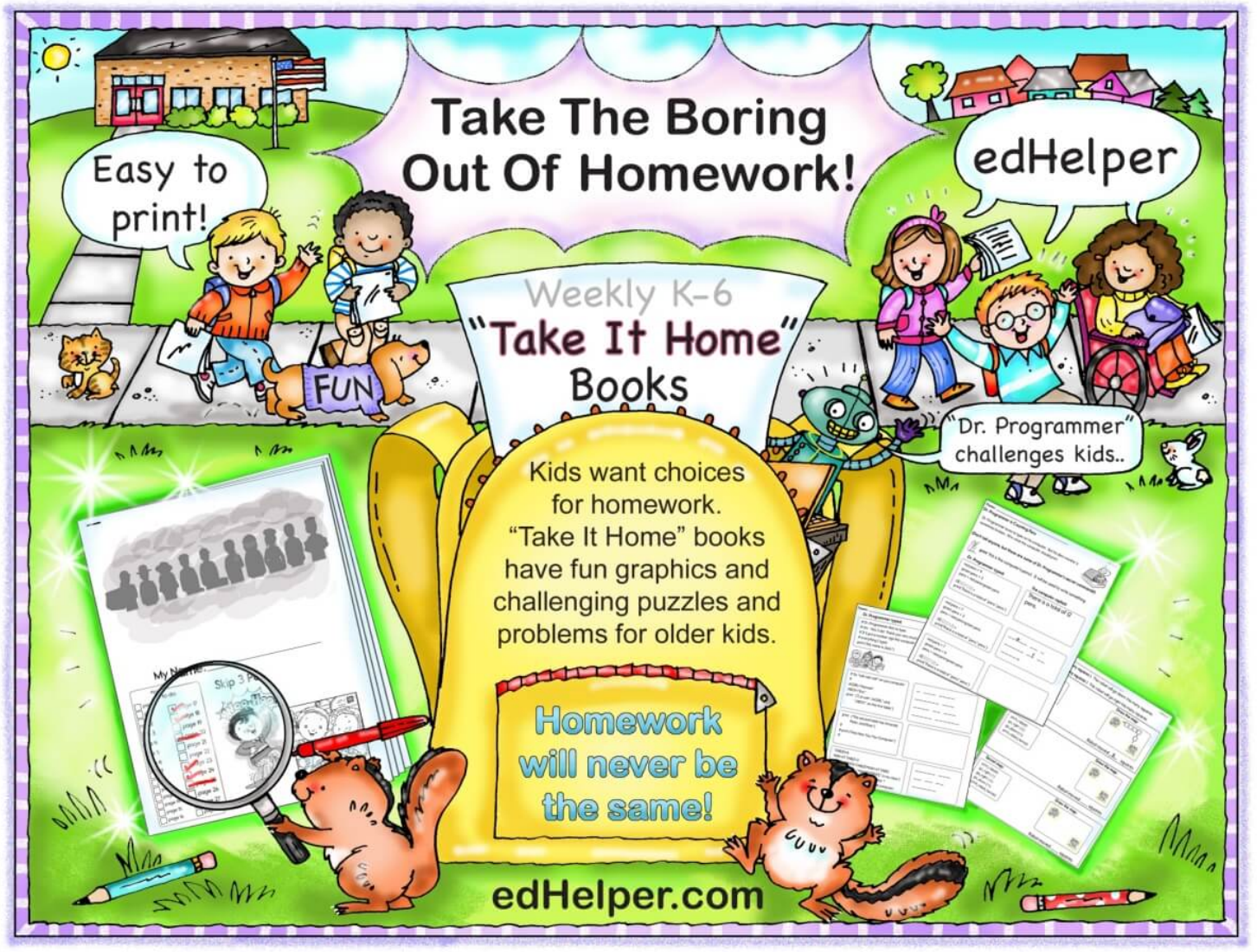
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