Name: _____

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

68% of 25	80% of 110	82% of 100	65% of 120
17% of 100	20% of 135	55% of 20	100% of 82
77% of 200	88% of 100	11% of 100	65% of 160
90% of 30	88% of 175	80% of 130	60% of 130

Write the reciprocal.

$\frac{23}{12}$

Write the reciprocal.

$\frac{3}{2}$

Write the reciprocal.

$\frac{3}{6}$

In what quadrant would you find the point (6, -18)?

$\frac{2}{8} \div \frac{11}{32} =$

Rewrite in scientific notation.

3,803,000,000

Convert $81\frac{5}{6}$ to an improper fraction.

262, 226, 193, 163, 136, 112, _____, 73, 58, 46, 37, 31

If v = 7 and g = -27 then what is 7v + 15g - 4g = ?

word root **junct** can mean **join** **conjunction, junction**

Name: _____

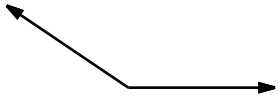
Write as a decimal.
Nineteen and eight hundredths

Write as a decimal.
Ten hundredths

Write as a decimal.

$\frac{6}{10}$

What kind of angle is this?



What kind of angle is this?

8 - 9 =

Rewrite 10 + -4

___ - ___ = ___

Rewrite 18 - 1

___ + ___ = ___

$$\begin{array}{r} 877 \\ \times \quad 3 \\ \hline \end{array}$$

Multiply 4393 and 5.

$$\begin{array}{r} 44 \\ \times 12 \\ \hline \end{array}$$

$14 - \frac{7}{11} + \frac{1}{2} =$

Reduce $\frac{48}{64}$ to its lowest terms.

$51 - \frac{1}{9} =$

Name: _____

$5m = 40$	$18y = 126$	$\frac{N}{44} = 28$
Subtract 169 from 472.	$\begin{array}{r} 45 \\ +\ 26 \\ \hline \end{array}$	$\begin{array}{r} 4,643 \\ -\ 2,632 \\ \hline \end{array}$
$2 - 3 - 2 =$	$13 + -15 =$	$3 \times -8 =$
Sketch an acute angle named $\angle CDE$.	Sketch a right angle named $\angle FGH$.	Sketch a right angle named $\angle FGH$.
72 is what % of 100?	Change to a percent. $\frac{21}{10}$	Write the ratio as a fraction in lowest terms. 33 girls to 26 boys

Name: _____

According to Bartholomew Cubbins, 20 of his hats had feathers. Twenty of the hats with no feathers were red, 15 were green, and 30 were blue. What is the ratio of hats with feathers to hats with no feathers? (Write as a fraction in lowest terms.)

According to the polar bear census taken in the Alaskan Native Wildlife Refuge, there were 35 polar bears born last month. Of that number, 14 were female and the rest were male. What is the ratio of females to males? (Express your answer as a fraction in lowest terms.)

If the average marshmallow weighs 0.12 ounces, how much will a bag of 63 marshmallows weigh? Don't forget to include 2.4 ounces for the weight of the bag.

Megan rolls a die. What is the chance of her rolling a 1?

_____

12 kg = _____ g

$$\begin{array}{r} 466 \\ -\ 363 \\ \hline \end{array}$$

Sarah rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being eight?

8,957 - 7,232 = _____

1 km = 1,000 m

17 km = _____ m

What number is halfway between 12 and 24?

48 ÷ 8 =

2 x 4 = _____

$$\begin{array}{r} 49 \\ -\ 31 \\ \hline \end{array}$$

Name: _____

Rewrite these in increasing order of length:

744 dm, 7 mm, 41 km, 719 m, 327 cm

18 ÷ 2 = _____

4 x 5 =

$$\begin{array}{r} 494 \\ +\ 406 \\ \hline \end{array}$$

Circle the smallest number:

935,271,752,604 8,392,895

248,710,356 81,460

625 + 391 = _____

Can 524 be evenly divided by 4? Circle:

524 is NOT evenly divisible by 4

524 is evenly divisible by 4

How many ounces are in 8 pounds?

_____ ounces

In the number 5,879,473, the digit 3 is in what place?

_____

12% of 100 is 12.
12% of 200 is 24.
12% of 500 is 60.

What is 12% of 800?

662 - 177 = _____

110 ÷ 11 = _____

$$\begin{array}{r} 28 \\ +\ 26 \\ \hline \end{array}$$

35 ÷ 7 = _____

Name: _____

50 ÷ 5 = _____

Jenna told Megan that she multiplied two consecutive whole numbers and the answer is 56. Megan doesn't believe that is possible. She thinks Megan must have multiplied wrong. Who is correct?

What time is 14 hours after 2:00 a.m.?

_____

You can buy 4 toys for $16 at the store. At this rate, what would be the cost of sixteen toys?

58,498 + 19,566 = _____

44 ÷ 4 = _____

The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry? Hint: You cannot use all of the letters. You could use B in a name, but M would not work.

Can 402 be evenly divided by 9? Circle:

402 is evenly divisible by 9

402 is NOT evenly divisible by 9

18,461 + 14,355 = _____

Circle the addition property for 37 + 187 = 187 + 37.

commutative property

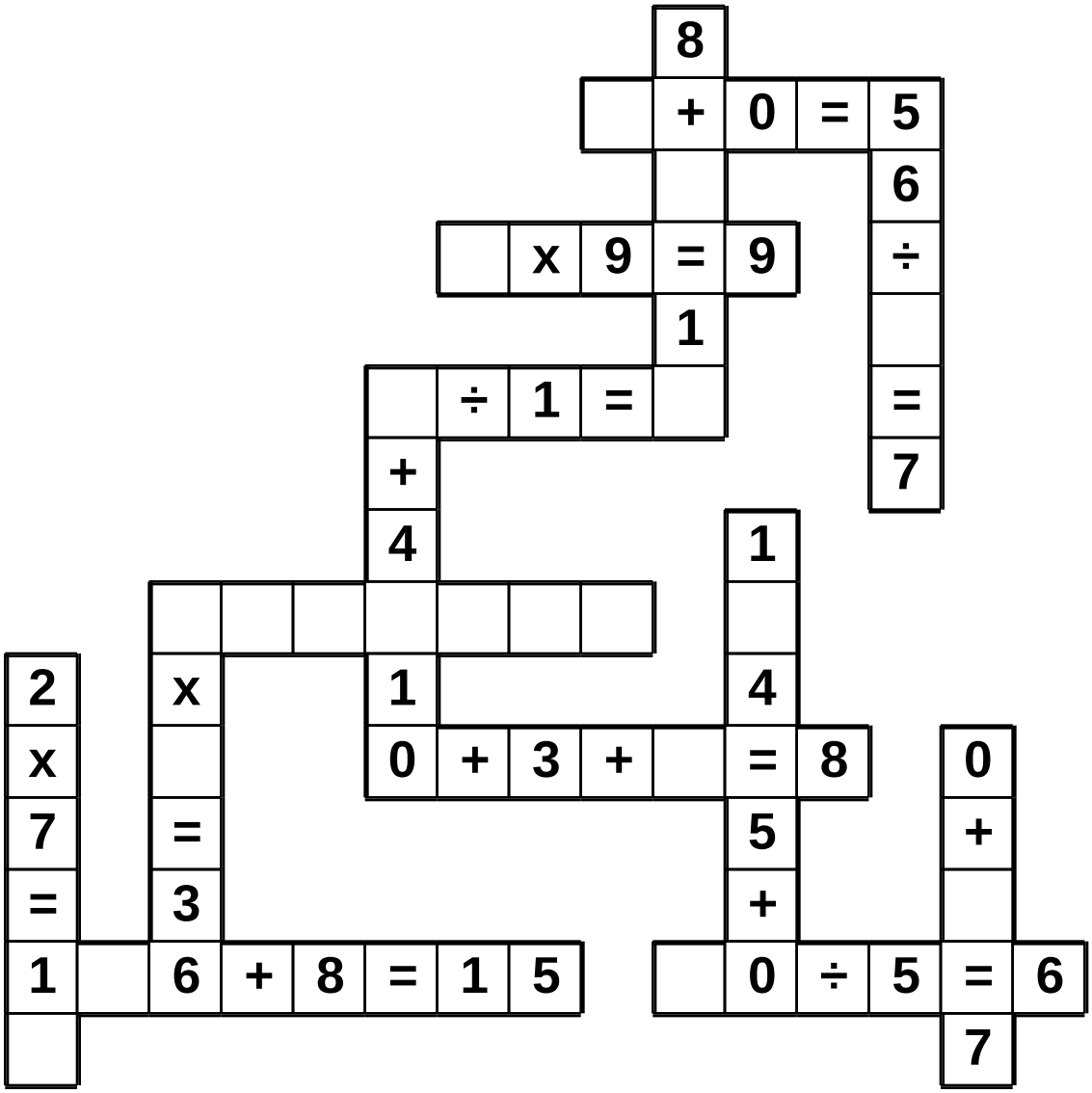
associative property

word root **contra** can mean **against** **contradict, contrary**

Name: _____

5 • 8 • 1 • 8 • 6 • 6 • 4 • - • 3 • = • 7 • - • 6 • + • 9 • 5
7 • + • 3 • 4

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



6 x 9 =

Write an equation to represent this:

The product of six and eight is forty-eight.

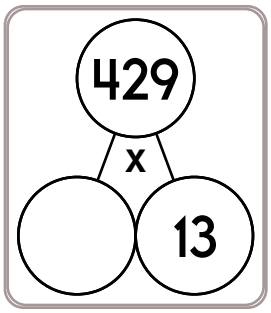
_____

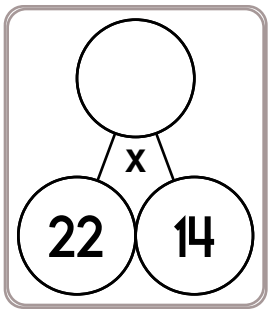
30 ÷ 6 = _____

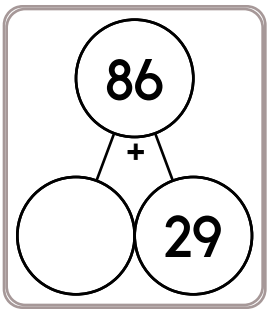
11 x 8 = _____

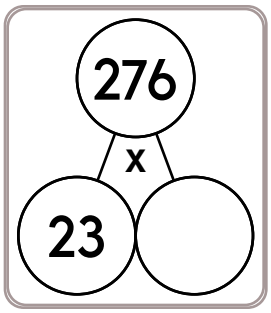
54,231 - 12,976 = _____

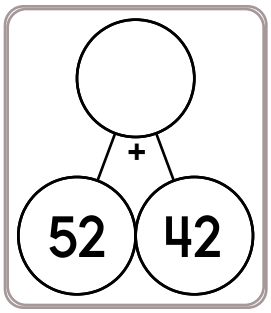
Name: _____

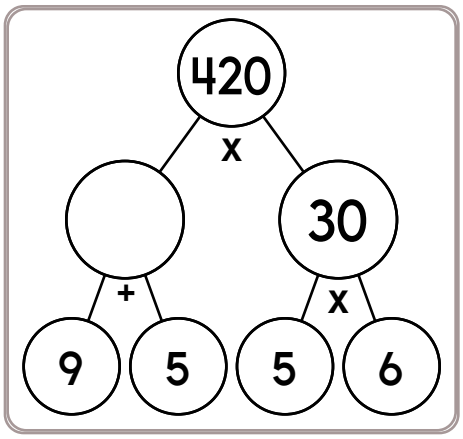


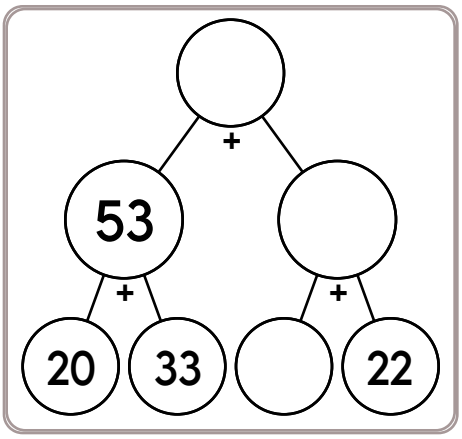


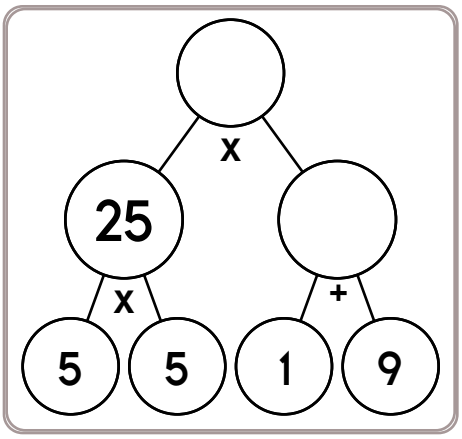


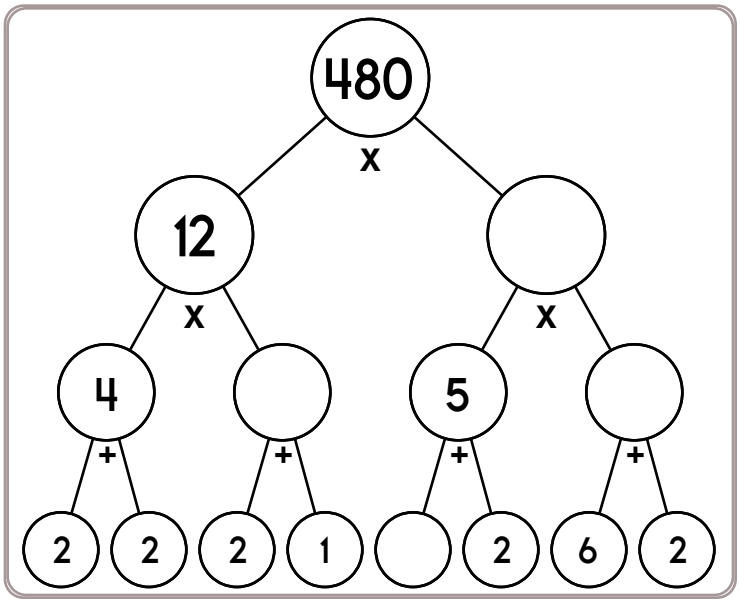


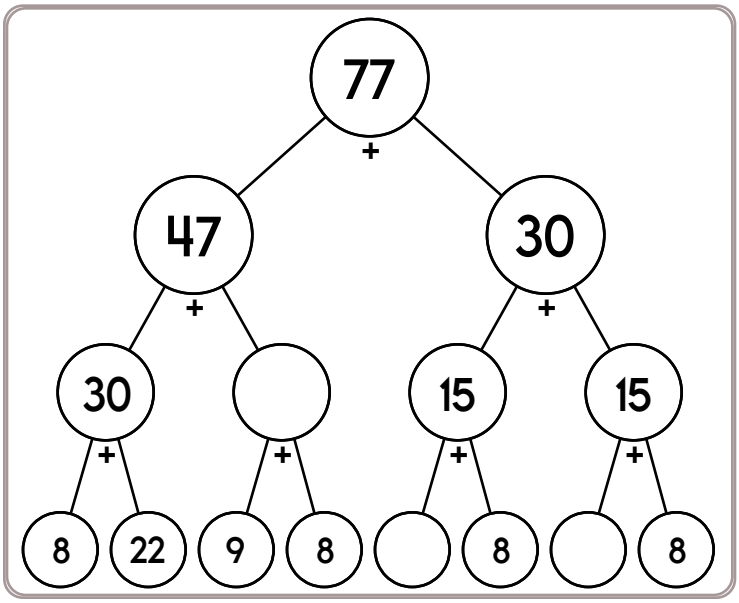












$\frac{8}{12} \div \frac{22}{24} =$

2 + 65 ÷ 5 - 108 ÷ 12 =

(0.9)(0.14)

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

Name: _____

Change $\frac{2}{8}$ to a decimal.

$$\begin{array}{r} 4.41 \\ \times \quad 5 \\ \hline \end{array}$$

$7\overline{)48.3}$

m - 6 = 9

What is the greatest common factor of 6, 15, and 21?

What is the greatest common factor of 28 and 26?

$$\begin{array}{r} 0.8 \\ -\,0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 7.3 \\ 19.3 \\ +\ 9.8 \\ \hline \end{array}$$

8 - 2.9 =

What kind of angle is this?

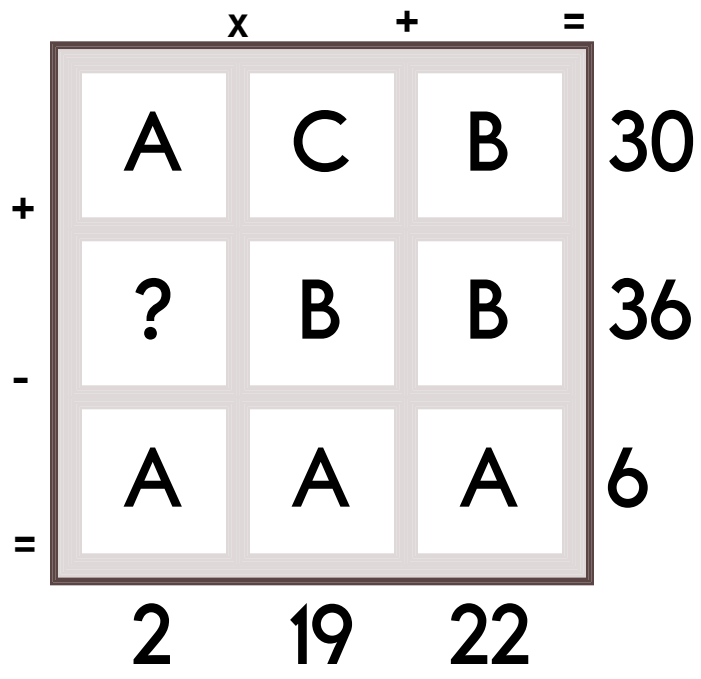
Sketch 2 lines $\overleftrightarrow{HI}$ and $\overleftrightarrow{VW}$ that are parallel.

Find the difference between 549 and 67.

9 + 5 + 3 + 7 + 3 =

$$\begin{array}{r} 78 \\ +\ 82 \\ \hline \end{array}$$

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B + B - A = 22 ___ x C + B = 30 ___ + ___ - ___ = 19

___ x ___ + ___ = 6

Additional hints:

C = A + 7 C < 19

Show Work:

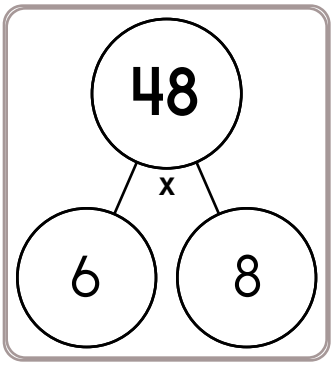
Solve:

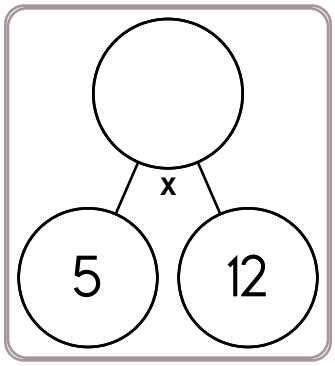
? = ___

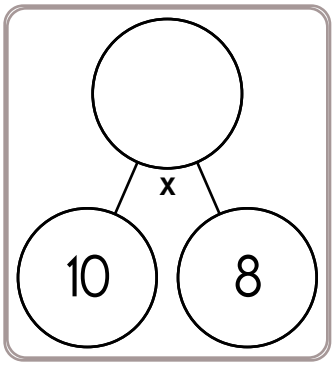
Name: _____

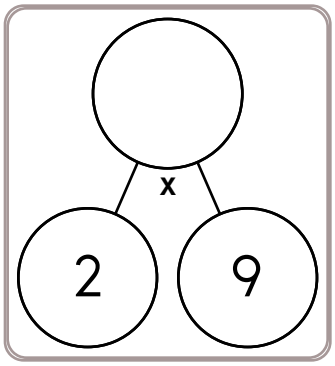
MAD MINUTES

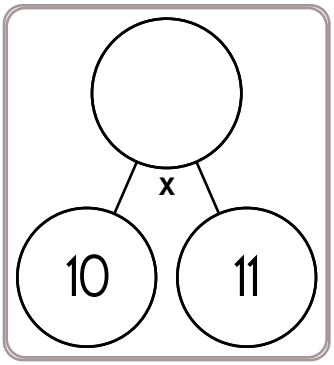
7 x ___ = 35	___ x 11 = 44	2 x ___ = 6
___ x 2 = 14	8 x ___ = 64	___ x 2 = 8
___ x 4 = 48	11 x ___ = 132	3 x ___ = 18
___ x 7 = 84	___ x 11 = 66	4 x ___ = 16

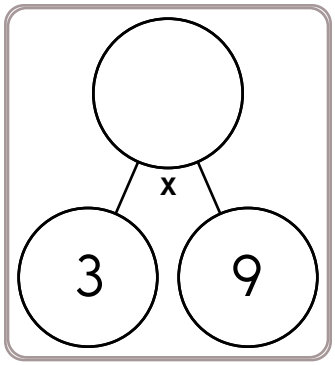


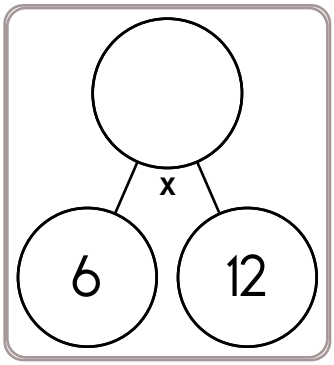


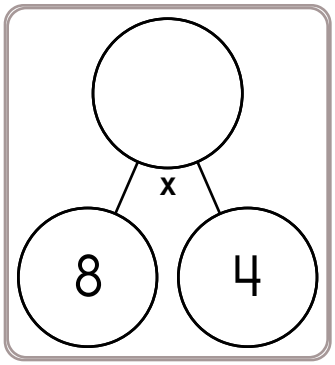








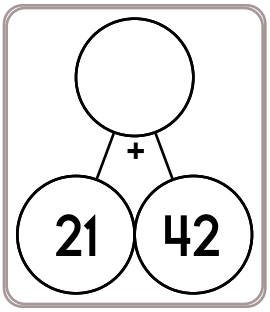


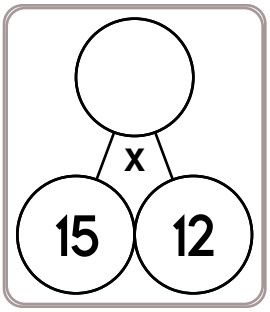


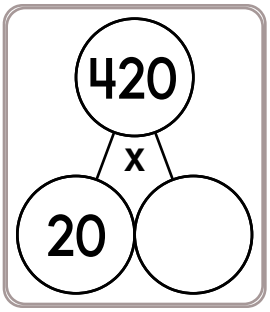
MAD MINUTES

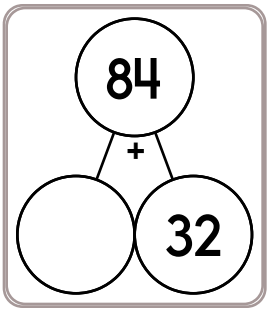
94 x 6 =	72 x 8 =	79 x 8 =
79 x 9 =	91 x 3 =	83 x 6 =
54 x 9 =	53 x 8 =	50 x 8 =
13 x 8 =	13 x 6 =	59 x 9 =

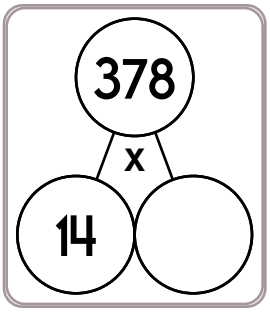
Name: _____











Simplify.

$\frac{6}{9}$ =

Use >, <, or = to complete.

40% ___ $\frac{3}{5}$

$\frac{3}{8}$ ___ 20%

34% ___ $\frac{1}{2}$

If x = -9 and h = 48 then what is 6x + 9h + 4h = ?

Crazy Robert had pizza 13 days in the month of July. What percent of the month did he have pizza?

|-7| + d = 3

d =

What is the mode of the following number set?

55, 58, 52, 50, 53, 56, 61, 64, 53, 53, 65, 59, 57, 63

$\frac{1}{5} \div \frac{14}{15}$ =

Simplify.

$\frac{13{,}600}{17{,}000}$ =

9, 18, _____, 46, 51, 102, ___, ___, ___, ___, ___

|76| x [-58| =

|-15| - m = 21

m =

17a - 17.9 = 107.9

a =

Name: _____

Write as a decimal.

$\frac{2}{100}$

Write as a decimal.

$5\frac{9}{10}$

Write as a decimal.
Two and three tenths

Write as a decimal.

$19\frac{335}{1000}$

Write as a decimal.

$\frac{8}{100}$

Write as a decimal.
Three and eighty-two hundredths

$$\begin{array}{r} 0.54 \\ -\,0.382 \\ \hline \end{array}$$

$0.11 + 8.2 + 0.2 =$

$$\begin{array}{r} 3.26 \\ +\,3.63 \\ \hline \end{array}$$

Change $\frac{3}{10}$ to a decimal.

$5\overline{)1.5}$

Change $\frac{1}{4}$ to a decimal.

Change $\frac{1}{2}$ to a decimal.

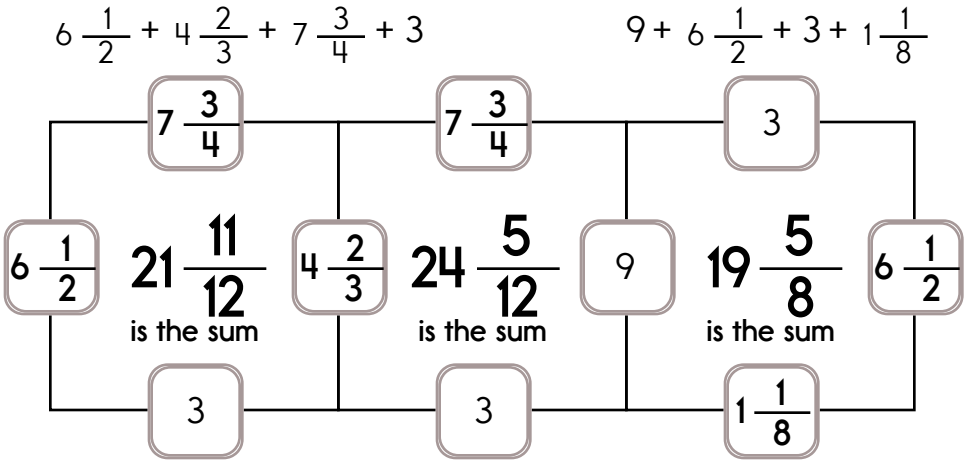
Change $\frac{5}{20}$ to a decimal.

Change $\frac{4}{5}$ to a decimal.

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

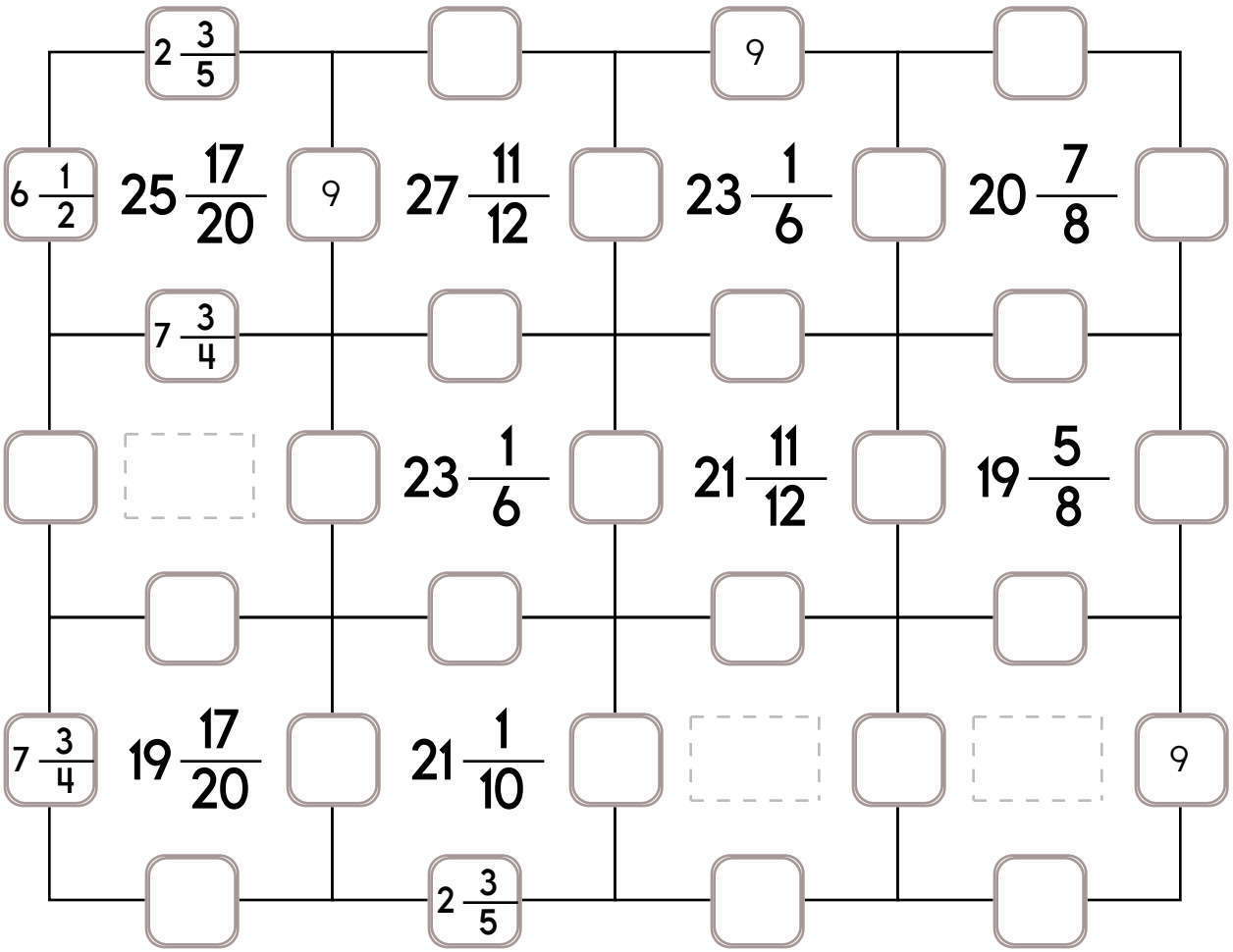
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $1\frac{1}{8}$, $4\frac{2}{3}$, or $2\frac{3}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: 3, 9, $7\frac{3}{4}$, or $6\frac{1}{2}$.

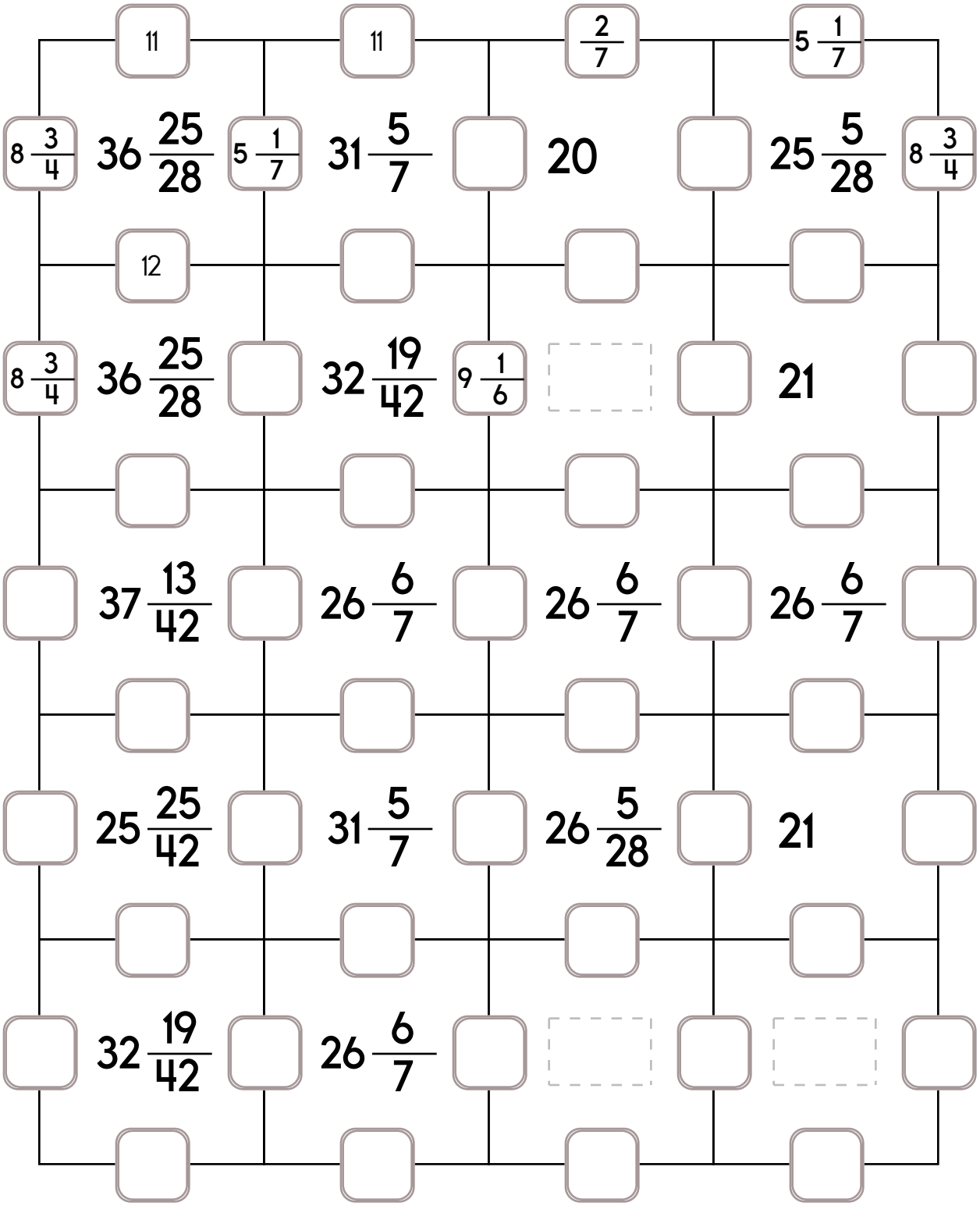


Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $3\frac{4}{7}$, $8\frac{3}{4}$, or $9\frac{1}{6}$.

The other three numbers have to all be DIFFERENT and must be from these: $5\frac{1}{7}$, $\frac{2}{7}$, 12, or 11.



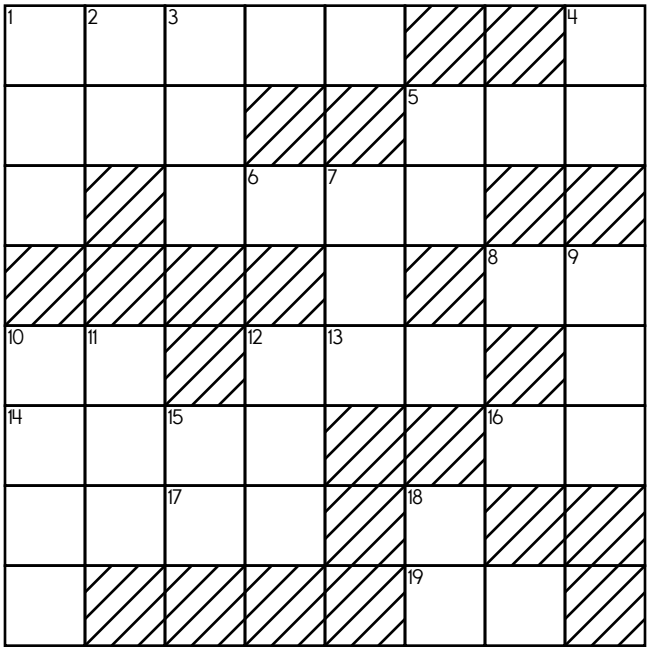
Name: _____

ACROSS

3. **Nickels in nine dollars**
4. One-ninth of 7-Across
5. Four more than 7-Down
7. Two less than 19-Across
8. Nine more than 19-Across
10. Seven more than 7-Across
13. One-third of 3-Across
16. One-fourth of 11-Down
17. One-sixth of 3-Across
19. Four less than 13-Across

DOWN

1. 3-Across plus 3-Down
2. Two times 17-Across
3. Seven less than 3-Across
6. One-sixth of 7-Across
7. 1-Down plus 3-Down
9. One less than 5-Across
11. 19-Across plus 13-Across
12. Seven times 17-Across
14. Four times 17-Across
15. Nine more than 7-Across
18. Six less than 10-Across



Erin took three numbers greater than 1 and multiplied them. One number was three and the other number was twenty. Of course, she forgot the last number, but she remembered the product was 240. Is this possible?

8,634 + 6,248 = _____

88 ÷ 11 = _____

8 x 5 = _____

word root **chari** can mean **grace** **charity, charitable**

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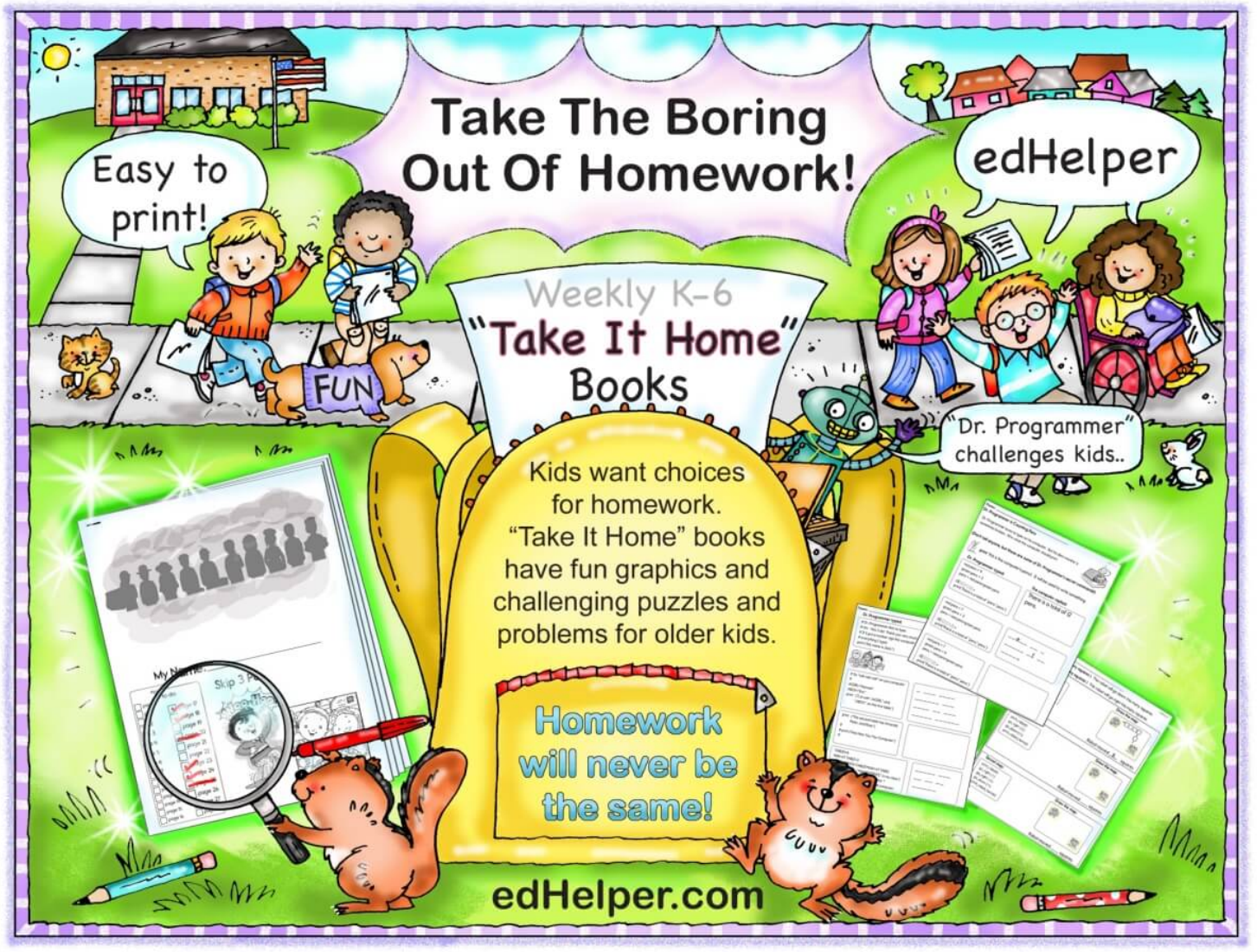
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