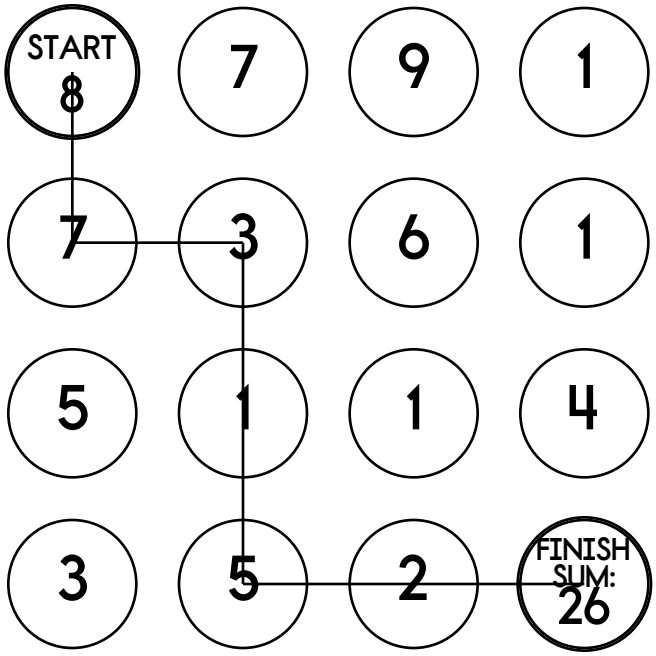
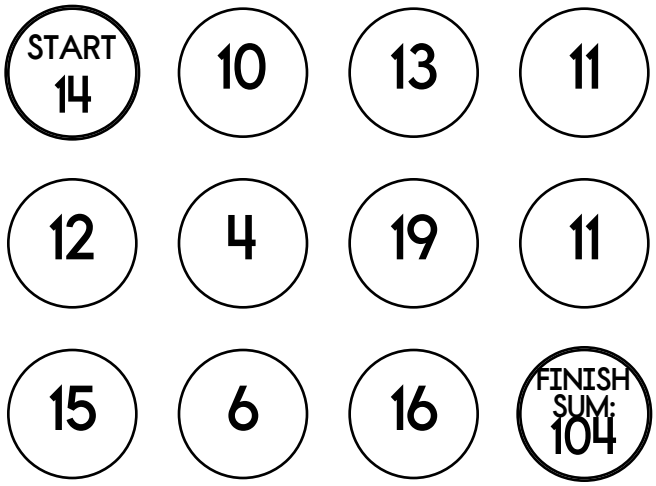
Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.



8 + 7 + 3 + 1 + 5 + 2 =

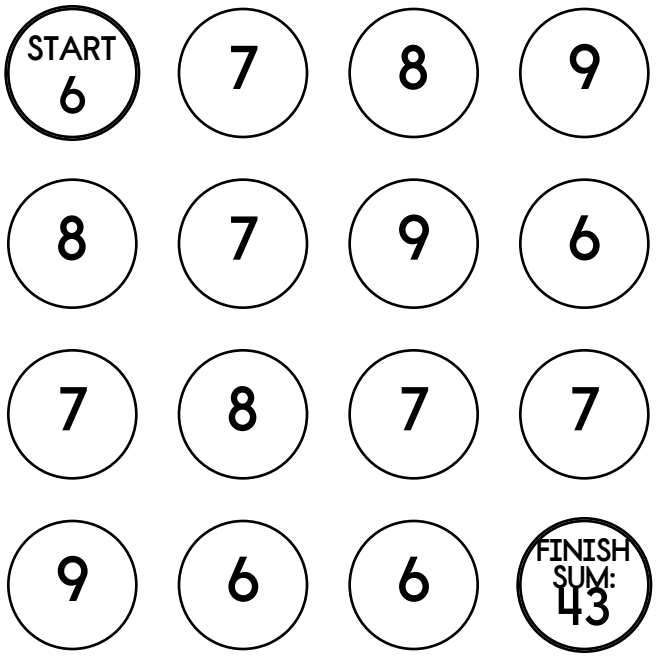
26



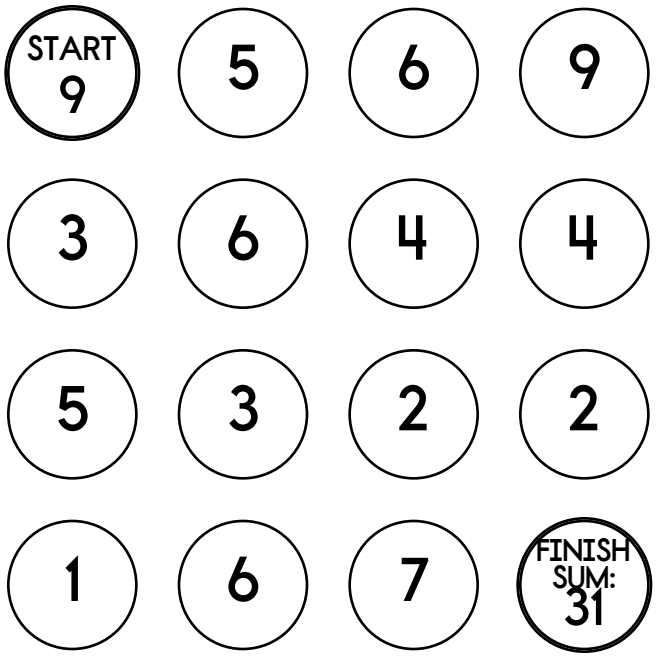
14 + 10 + 13 + _____ + _____ +

_____ + _____ + _____ + _____ =

104



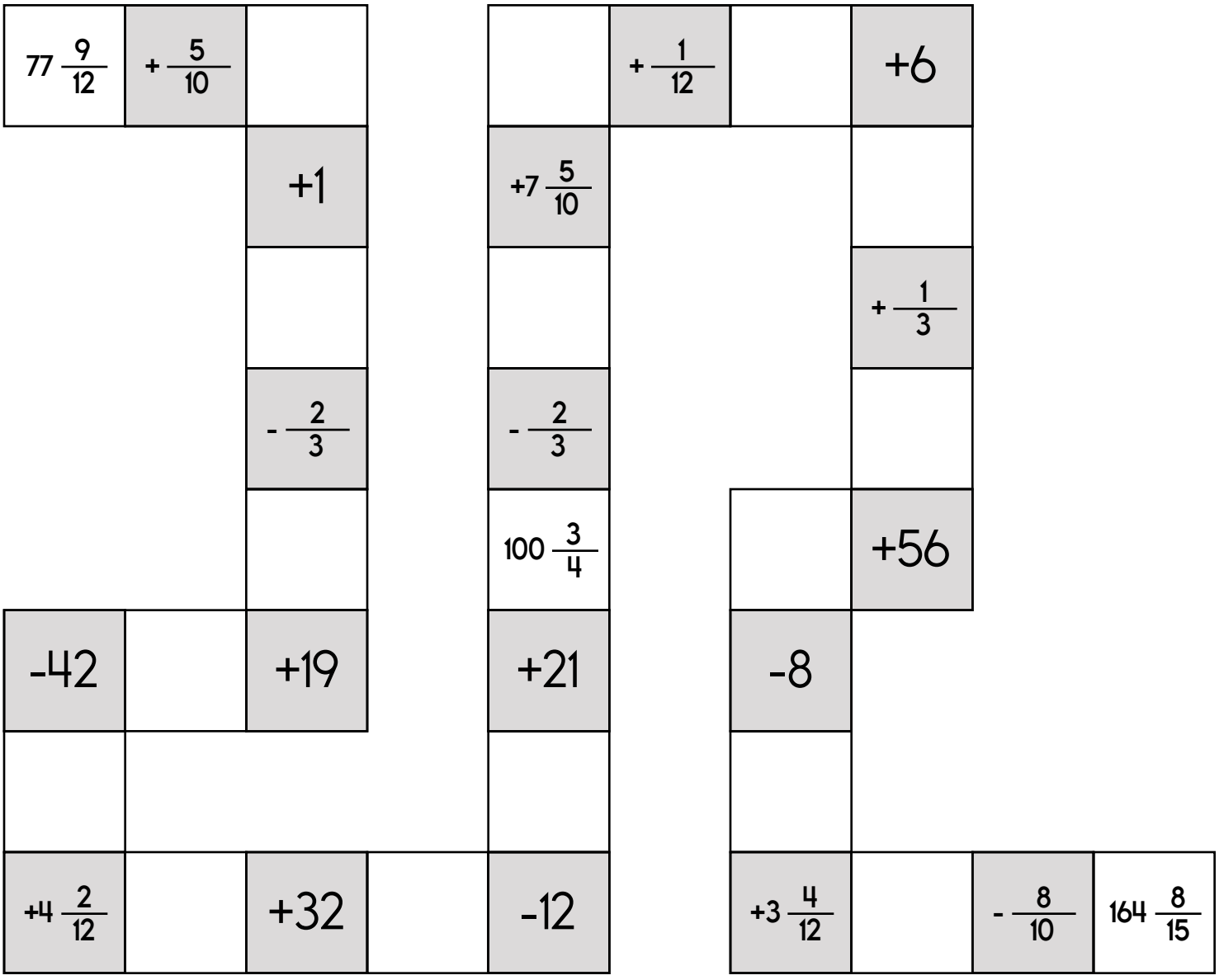
Did you find a path? Write the equation.



9 + ___ + ___ + ___ + ___ + ___ =

31

Name: _____



Jessica rolls a die. What is the chance of her rolling a 5?

_____

25 km = _____ m

35 ÷ 5 = _____

Gavin has three nickels and one penny. He also has one other coin that is different from the rest of his coins. How much could he have?

$$\begin{array}{r} 83 \\ -\ 50 \\ \hline \end{array}$$

3 x 2 = _____

word root **gastro** can mean **stomach** **gastropod, gastrointestinal**

Name: _____

If two out of every seven individuals in a population of armadillos carry a gene for a defective enzyme, how many individuals carry the normal gene in a population of 861 armadillos?

In a herd of 973 zebras, about one-seventh of one percent of all animals are injured crossing a stream. How many are injured?

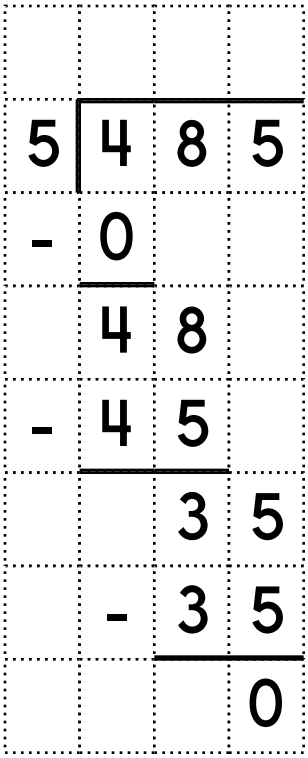
What is 3% of 64?

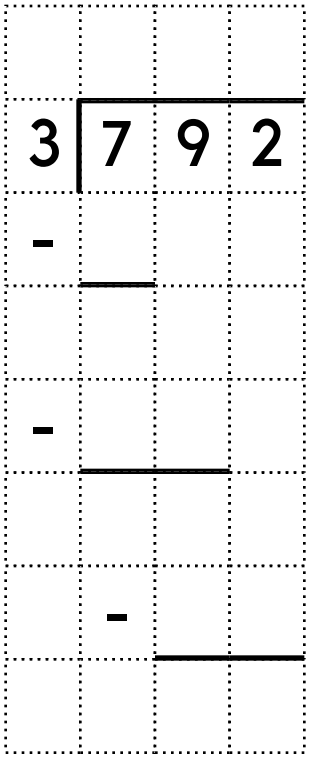
Pam has given powers to her collection of dolls. There are the D dolls and the C dolls. Today, she is having a match between one D doll and one C doll. The doll with more power will win. Who will win?

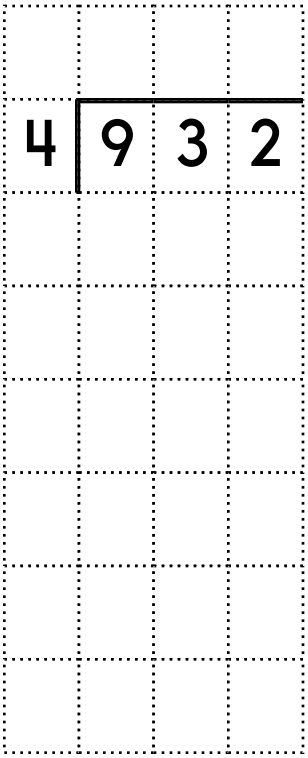
Five D dolls have 3 power points.

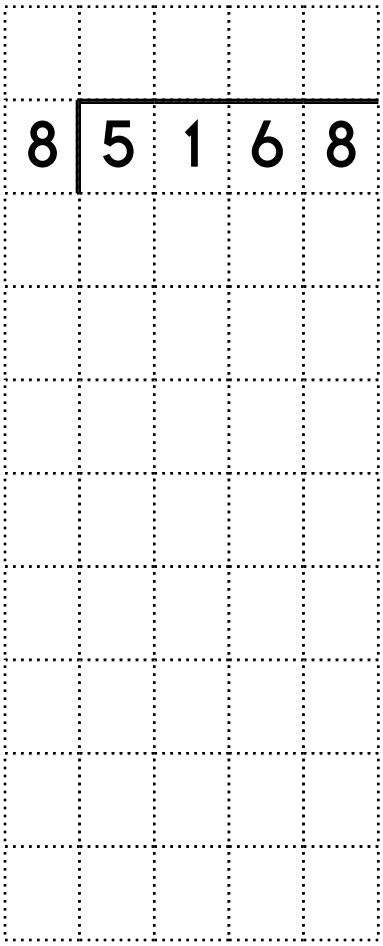
Three C dolls have 7 power points.

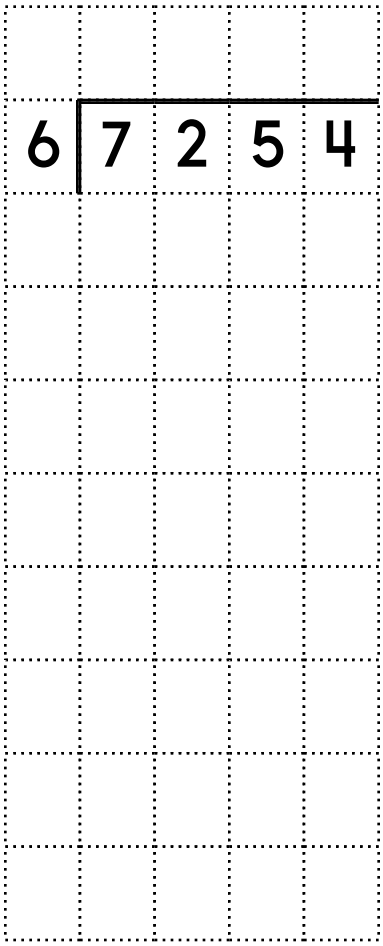
Name: _____

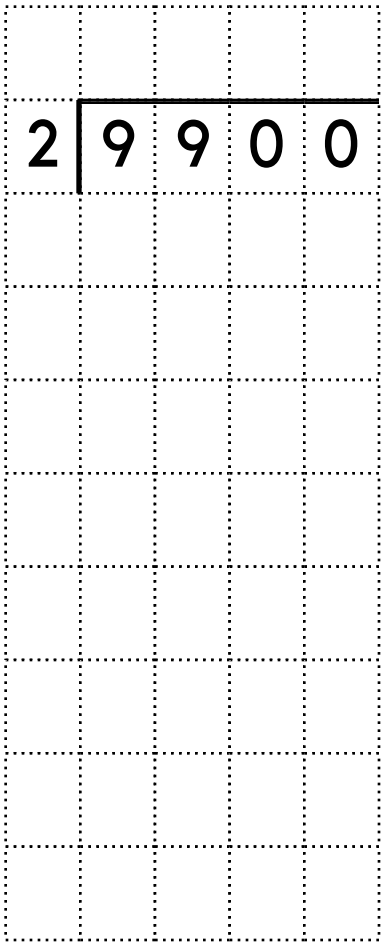












Name: _____

86,216 - 82,276 = _____

What number is halfway between 13 and 34?

$$\begin{array}{r} 38 \\ +\ 38 \\ \hline \end{array}$$

Circle the smallest number:

5,817 58,496,842

9,703,156,924 90,632,420,137

2 x 7 = _____

Rewrite these in increasing order of length:

1 km, 48 cm, 648 dm

How many yards are in 9 feet?

_____ yards

36 ÷ 9 = _____

What should replace the F in this equation?

F x 24 - 17 = 343

Circle the greatest number:

26,130,879,425

6,201

470,958,613,023

17,504,938

2 x 6 = _____

9 x 8 = _____

1 lb = 16 oz

15 lb = _____ oz

$$\begin{array}{r} 350 \\ +\ 249 \\ \hline \end{array}$$

81 ÷ 9 = _____

81,481 - 33,954 = _____

6 x 9 =

4 x 12 = _____

Name: _____

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

K		Y	T			R	P	E	B
O	P	J	I	T		M	P		R
K	R		B		B	B	L		I
N		S	L		C		L	H	B
	C	T	H		T	C	H		T
C		C	M		T	T		N	A
K		D	E	C	R	E	A	S	E
Y	D	B		R	C	H		D	S
R		P		T		T			N
P		N	Y	P		R	C	H	H

JEST • TOUR • PUNY • DECREASE
TEMPER • BUBBLE • ORCHID
HATCHET • PORCH • LOCAL
REPETITION • MITTEN • PROCEED
KEY • KNOCK

$$\begin{array}{r} 792 \\ -\ 564 \\ \hline \end{array}$$

12 x 9 =

20 ÷ 4 = _____

Three cards cost $12. At that rate, what is the cost of 9 cards?

12 x 2 = _____

Write an equation to represent this:

The product of eight and eleven is eighty-eight.

_____

871 + 986 = _____

Here is a pattern of letters:

D D M D D M D D M D . . .

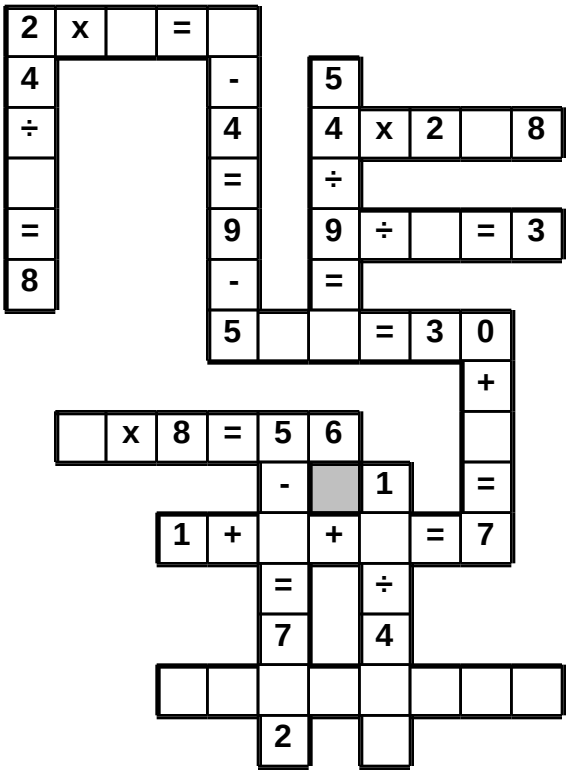
What letter will be the 26th term in the pattern?

word root **struct** can mean **build** **construct, destruct**

Name: _____

4 • 8 • = • 3 • 3 • x • 6 • 7 • 7 • 0 • 6 • 1 • 0 • - • 8 • = • 1 • + • 1 • 4

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



9 x 12 =

2 x 5 = _____

16 ÷ 8 = _____

84 ÷ 12 =

Circle the addition property for 45 + 148 = 148 + 45.

commutative property

associative property

Jacob took three numbers greater than 1 and multiplied them. One number was seven and the other number was twelve. Of course, he forgot the last number, but he remembered the product was 227. Is this possible?

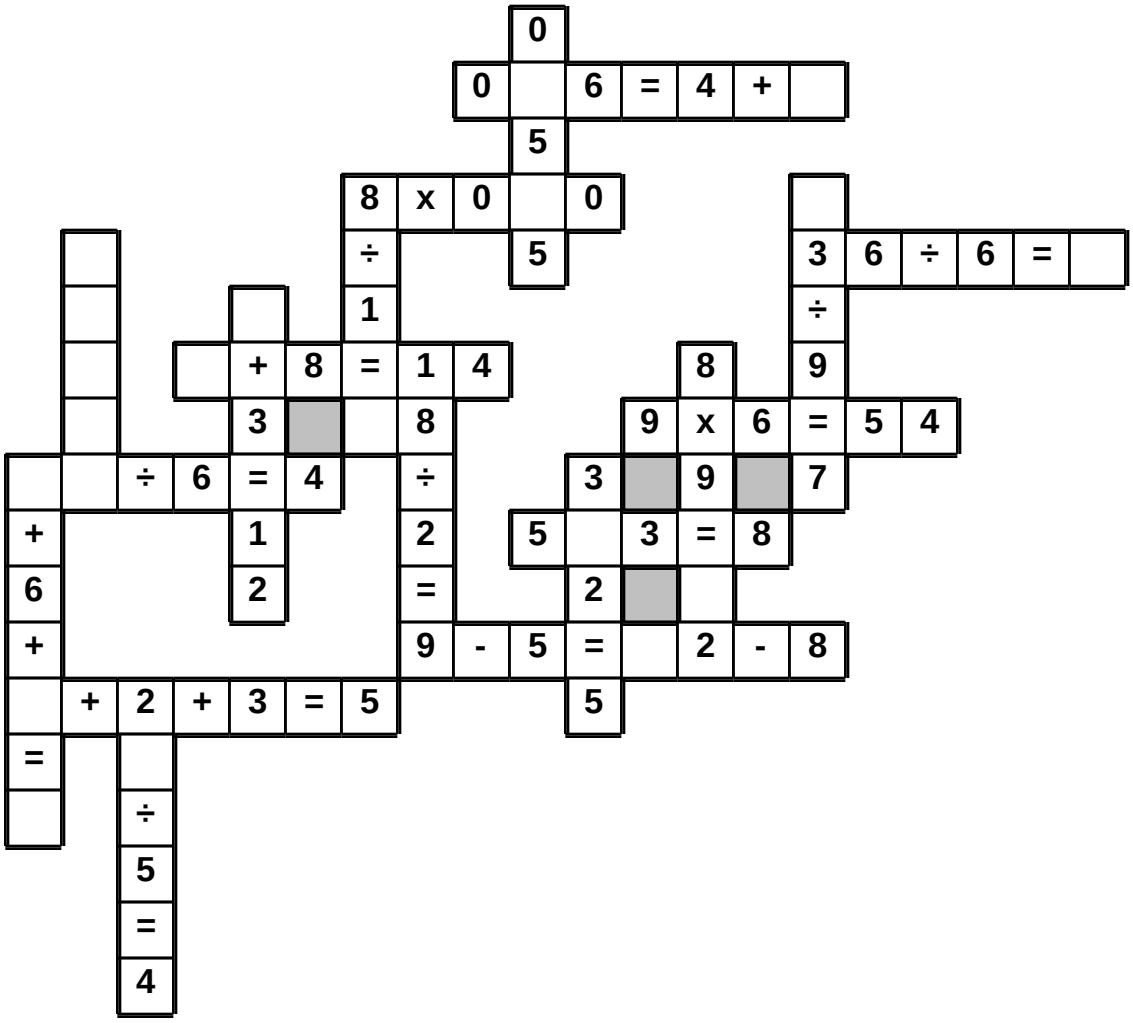
927 - 225 = _____

56 ÷ 7 = _____

Name: _____

+ • 2 • = • 6 • 3 • 6 • + • 9 • 1 • 6 • = • 8 • 2 • 4 • + • 7 • 1 0 • 0 • 8

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



98,764 + 43,169 = _____

18 ÷ 6 =

100 ÷ 10 = _____

7 x 8 = _____

72 ÷ 9 = _____

Name: _____

Destiny, Taylor, Olivia, and Sydney are students. They are each in a different grade (second, fourth, third, and fifth). Each of the students has a different favorite subject in school (art, reading, social studies, and math).

Match each student with their favorite subject and the grade that they are in.

1. When Destiny was in the fourth grade, her favorite subject was social studies. Now, Destiny prefers a different subject.
2. The third grade student's favorite subject is reading.
3. Sydney is in a lower grade than Olivia and is in a lower grade than Taylor.
4. Math is the favorite subject for either the second or fifth grade student.
5. Olivia is in a higher grade than Taylor.
6. Taylor and Olivia both enjoy math, but it is not their favorite subject.
7. Destiny is in a higher grade than Sydney.

Destiny's favorite subject is _____. Destiny is in the _____ grade.

Taylor's favorite subject is _____. Taylor is in the _____ grade.

Olivia's favorite subject is _____. Olivia is in the _____ grade.

Sydney's favorite subject is _____. Sydney is in the _____ grade.

64 ÷ 8 = _____	For 8,324,328,742,723, write the digit that is in the hundred thousands place. _____	12 x 8 = _____
538 + 572 = _____		92,335 - 13,644 = _____

Name: _____

Erin has 6 boxes with z rolls of toilet paper in each box. How many rolls of toilet paper does Erin have?

She used two of the boxes. How many rolls of toilet paper does she now have?

9k + k =

6k + 3k =

10m - m =

6r + 11 - 8 + 7r - 4r =

If r = 6, then show what the result of the two equations above would be.

Did you get the same result for both equations?

6m + 13 - 9 + 8m - 3m =

If m = 6, then show what the result of the two equations above would be.

Did you get the same result for both equations?

k + k + k - 2 + 9 =

r + r + r + r + 5 - r =

12s - 9s + 11 =

27z - 14z + 23z + 5z =

63,598m - 641m =

Name: _____

April is mapping an imaginary trip from point (-10, 6) to (13, 6). She liked (13, 6) so much that she was there for 8 days! Then she went to visit point (13, 0). Aren't you jealous? If 1 unit = 140 miles, how many total miles did she travel?

$5 \times 5 = x^2$

What is the value of x?

796 ÷ 10

9 + (39 ÷ 3) - 110 ÷ 10 =

10 + 6 x 7 + 3

7 + 55 ÷ 5 - 24 ÷ 8 =

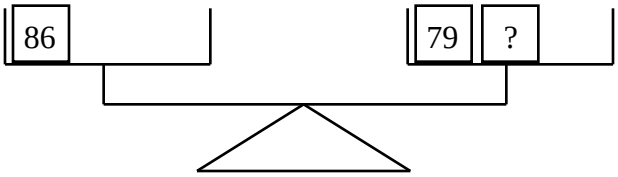
y = x + 18
y = 27
What is the value of x?

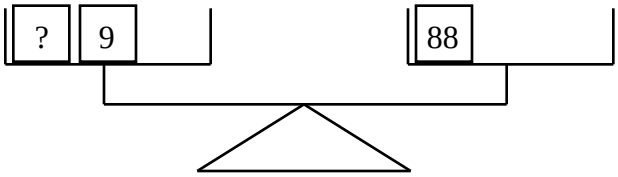
14 ÷ 7 = _____

In the number 51,883,546, the digit 3 is in what place?

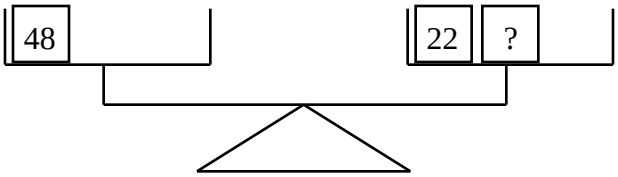
_____

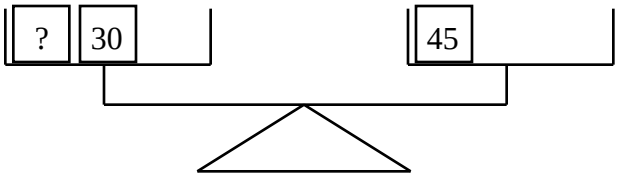
Name: _____



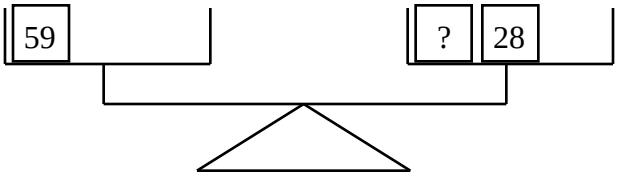


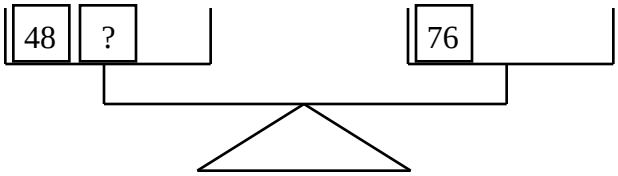
86 = 79 + 7 _____ _____ = _____



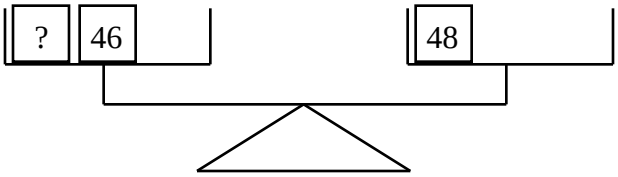


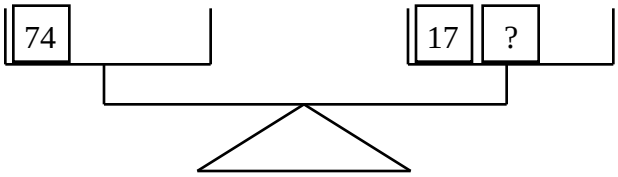
_____ = _____ _____ = _____





_____ _____



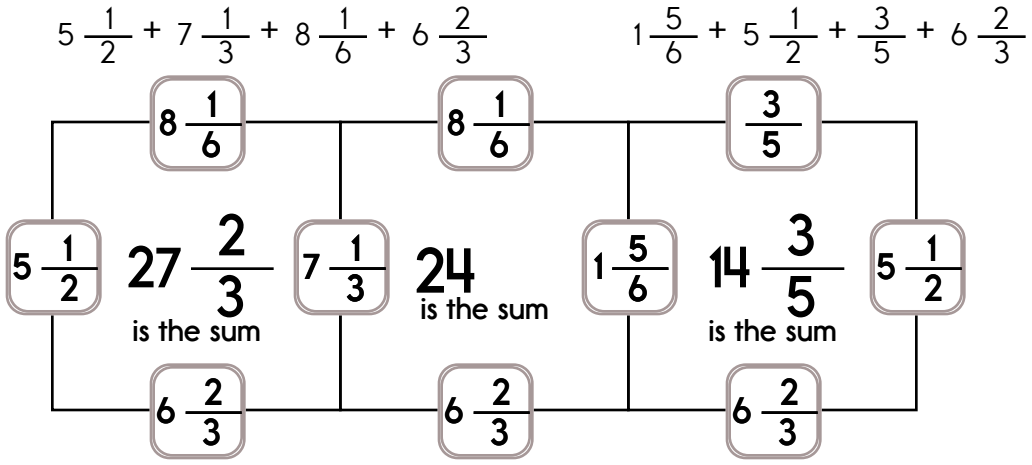


_____ _____

Name: _____

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

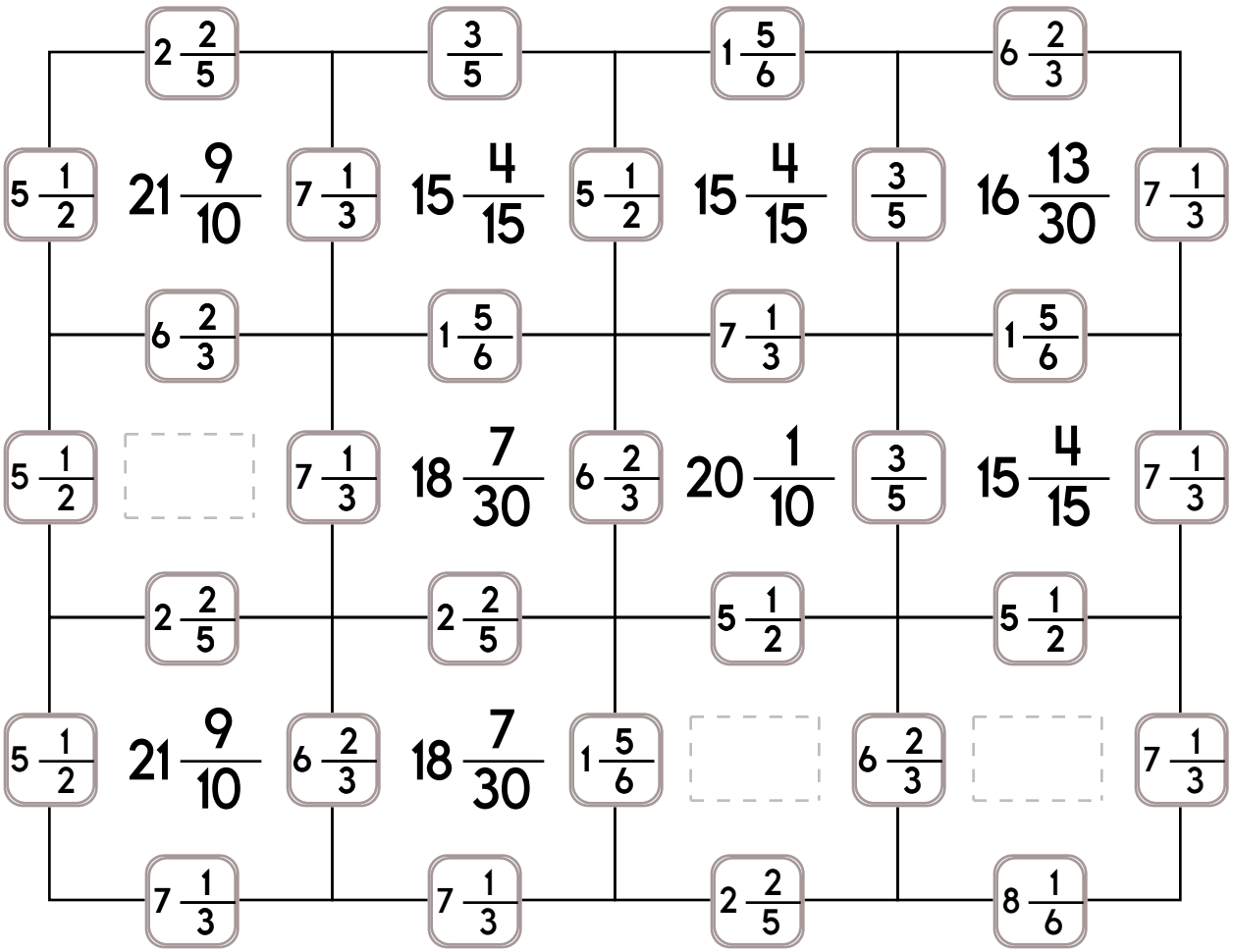
Sample:



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: $8\frac{1}{6}$, $\frac{3}{5}$, or $2\frac{2}{5}$.

The other three numbers have to all be DIFFERENT and must be from these: $7\frac{1}{3}$, $1\frac{5}{6}$, $6\frac{2}{3}$, or $5\frac{1}{2}$.

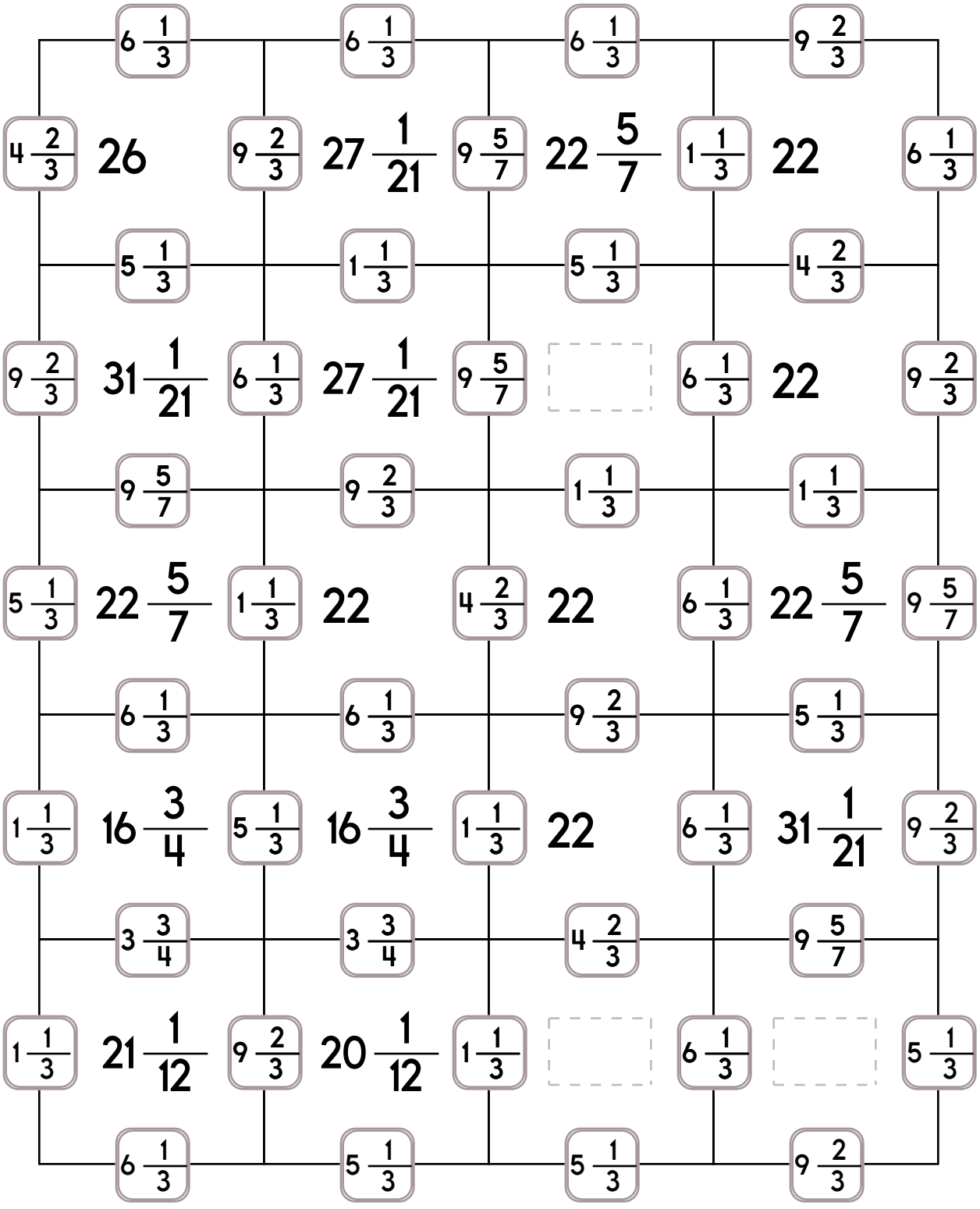


Name: _____

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: $4\frac{2}{3}$, $9\frac{5}{7}$, or $3\frac{3}{4}$.

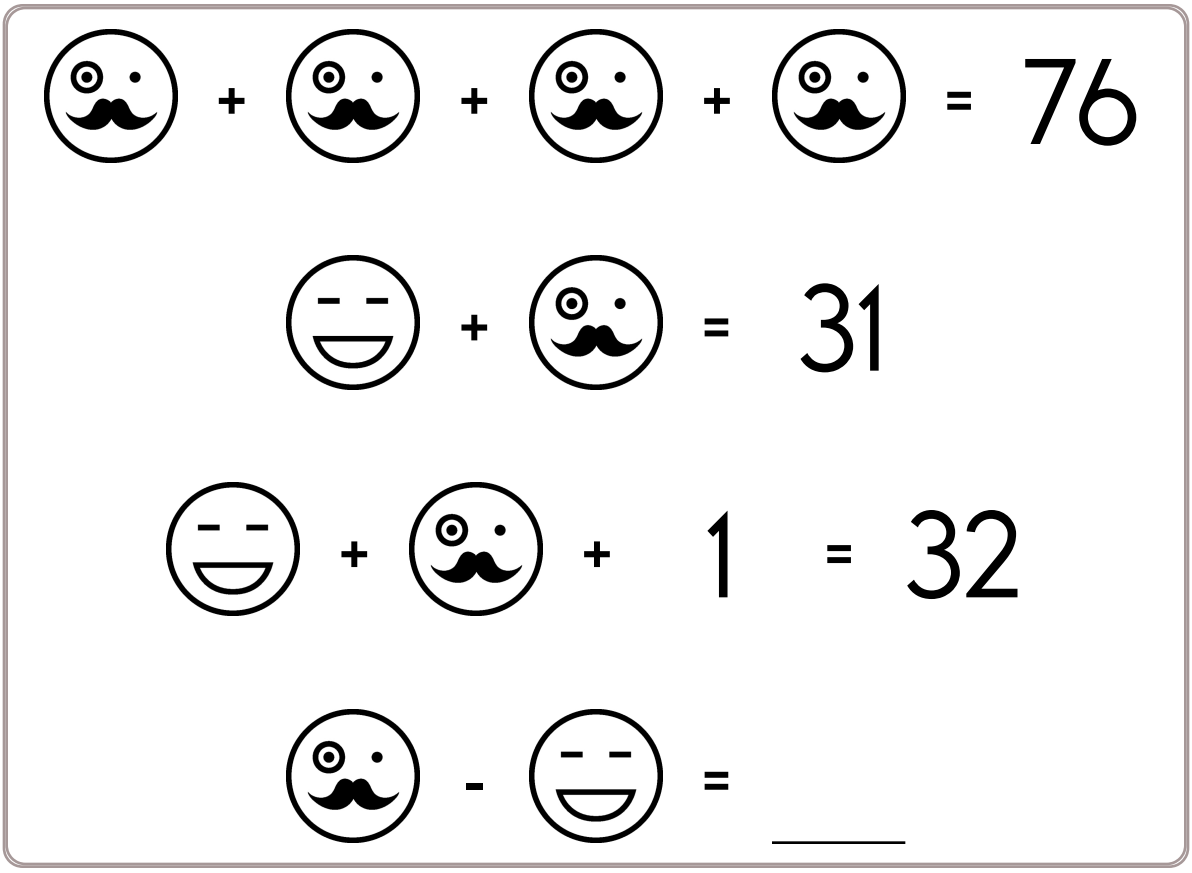
The other three numbers have to all be DIFFERENT and must be from these: $1\frac{1}{3}$, $9\frac{2}{3}$, $5\frac{1}{3}$, or $6\frac{1}{3}$.



Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.

Then write the correct answer!



= _____ = _____

3 before 13 _____	2 after 19 _____	4 before 15 _____
5 before 11 _____	4 after 14 _____	1 before 14 _____
6 before 12 _____	1 after 17 _____	9 before 16 _____
7 before 17 _____	6 after 11 _____	8 before 18 _____
2 before 19 _____	9 after 15 _____	9 before 19 _____
5 before 53 _____	3 after 13 _____	3 before 72 _____

Name: _____

$\frac{4}{7}$ $\frac{2}{5}$ $\frac{3}{4}$ $\frac{5}{6}$ $\frac{2}{3}$

Name two of the above numbers that have a sum of $1\frac{9}{28}$.

Use ALL of these digits, including the decimal point. Cross off a digit after you use it.

8 . 3 0 8 0

Write the smallest number that you can. Remember to use all the digits and the decimal point.

One side of a rectangle is 5 centimeters longer than the other side. The perimeter is 30 centimeters. How long is the shortest side?

Name: _____

Reduce each fraction to a mixed numeral in its lowest terms.

$\frac{5}{10}$ =

$\frac{130}{40}$ =

$\frac{196}{28}$ =

$\frac{52}{32}$ =

$\frac{160}{24}$ =

$\frac{3}{18}$ =

Reduce $\frac{2}{30}$ to its lowest terms.

Find the least common denominator.

$\frac{20}{33}$ and $\frac{5}{22}$

$6 \times \frac{1}{2}$ =

$\frac{1}{4} \div \frac{3}{8}$ =

$4\frac{10}{11} \div 2\frac{1}{3}$ =

$4\frac{7}{9} \times 4\frac{1}{3}$ =

$\frac{3}{4} \times \frac{1}{2}$ =

Write the reciprocal.

$\frac{6}{5}$

Name: _____

Complete each pattern. Write what the rule is.

$\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, 1, $1\frac{1}{5}$, $1\frac{2}{5}$, $1\frac{3}{5}$, $1\frac{4}{5}$,

2, $2\frac{1}{5}$, _____ , _____ , $2\frac{4}{5}$, 3, $3\frac{1}{5}$, $3\frac{2}{5}$

$\frac{3}{5}$, $\frac{4}{5}$, 1, $1\frac{1}{5}$, $1\frac{2}{5}$, $1\frac{3}{5}$, $1\frac{4}{5}$, 2,

$2\frac{1}{5}$, $2\frac{2}{5}$, $2\frac{3}{5}$, _____ , _____ , $3\frac{1}{5}$, $3\frac{2}{5}$, _____

Add $\frac{1}{5}$

Complete each pattern. Write what the rule is.

88496, 96884, 84968, _____, _____, 88496, 96884,

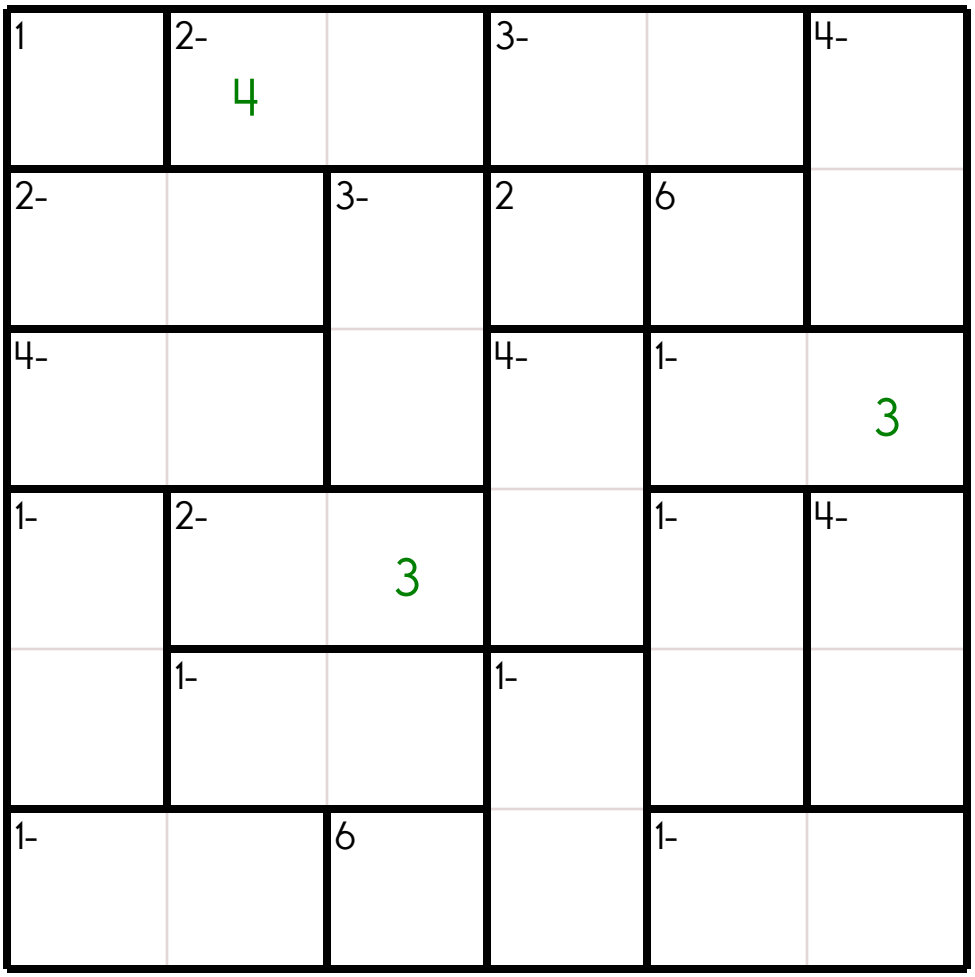
84968, 68849, 49688, 88496, 96884, 84968, 68849

_____, 581652, 525816, 165258, 581652, 525816, 165258,

581652, 525816, 165258, 581652, _____, _____, 581652

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.
Every row must contain the numbers 1, 2, 3, 4, 5, and 6.
Every column must contain the numbers 1, 2, 3, 4, 5, and 6.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.



Fill in the blanks. These equations are from the puzzle above.

5 - ____ = 2

5 - ____ = 4

____ - 1 = 1

4 - ____ = 1

____ - 3 = 2

____ - 3 = 1

5 - ____ = 4

____ - 4 = 1

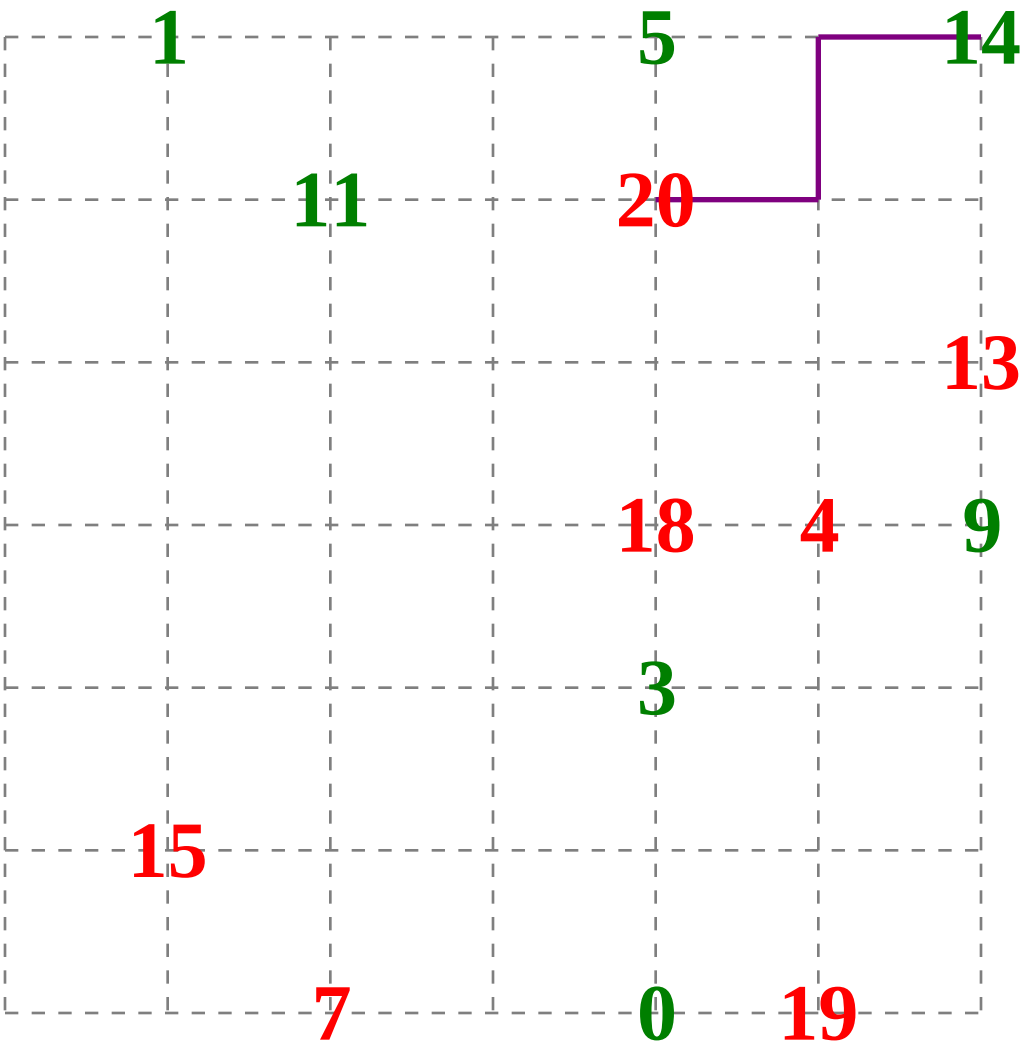
Name _____ Date _____

Greater and Less Than Number Kissing

Start at a green number and draw a line to any red number that is greater than the green number.

Draw a line that connects one number to one other number to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a number, that number cannot be used again.

One complete line has already been drawn for you.



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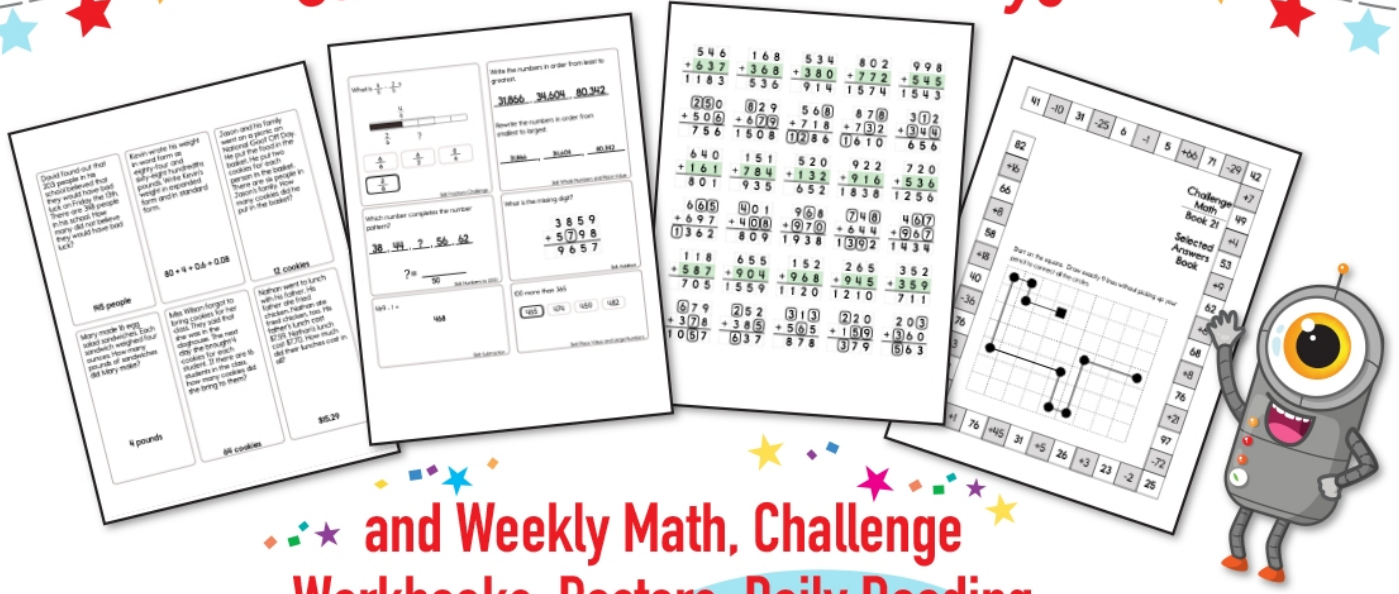

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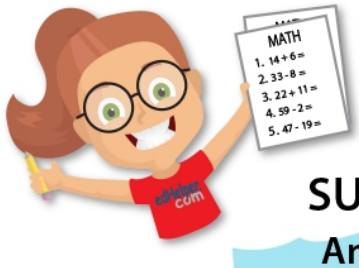

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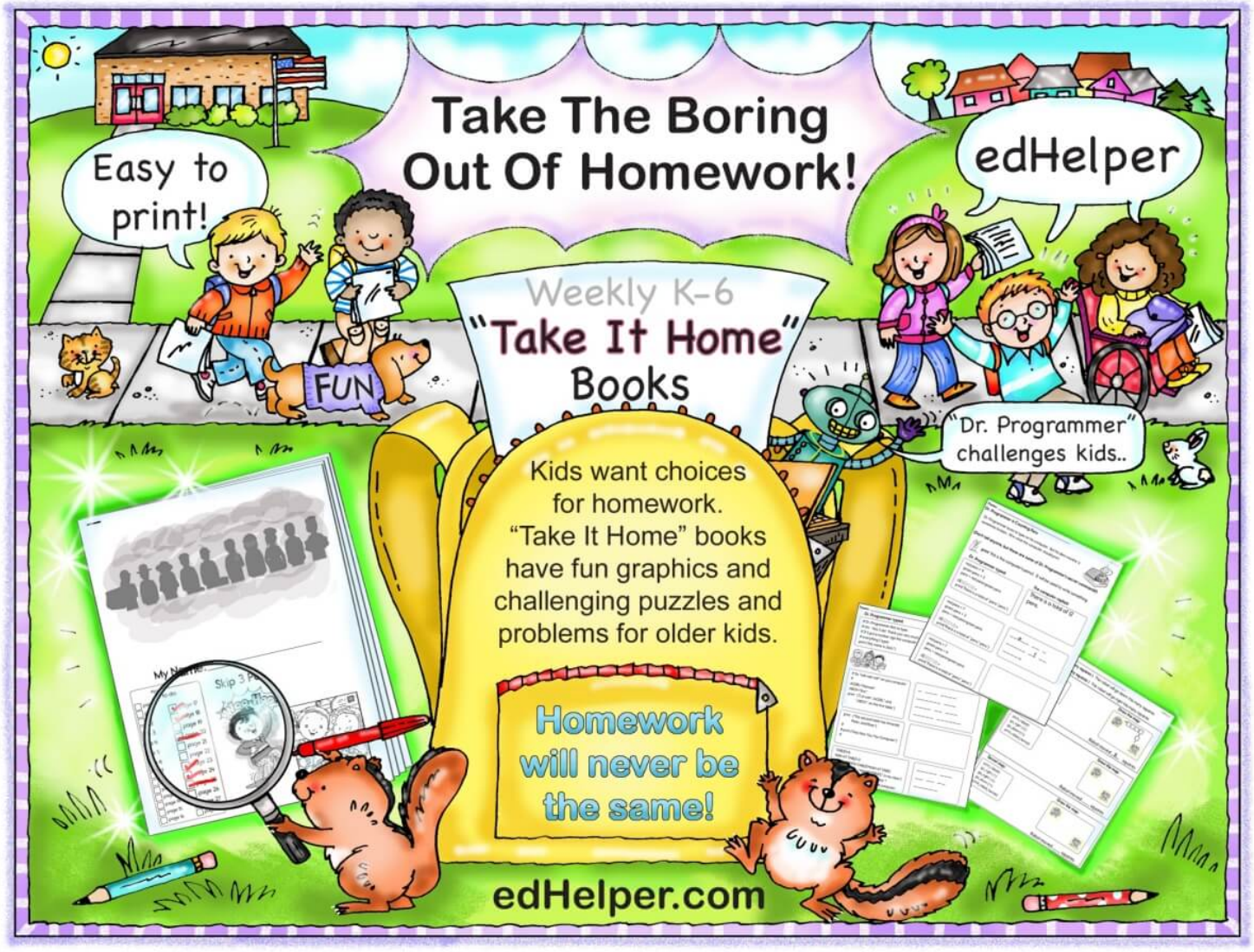
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