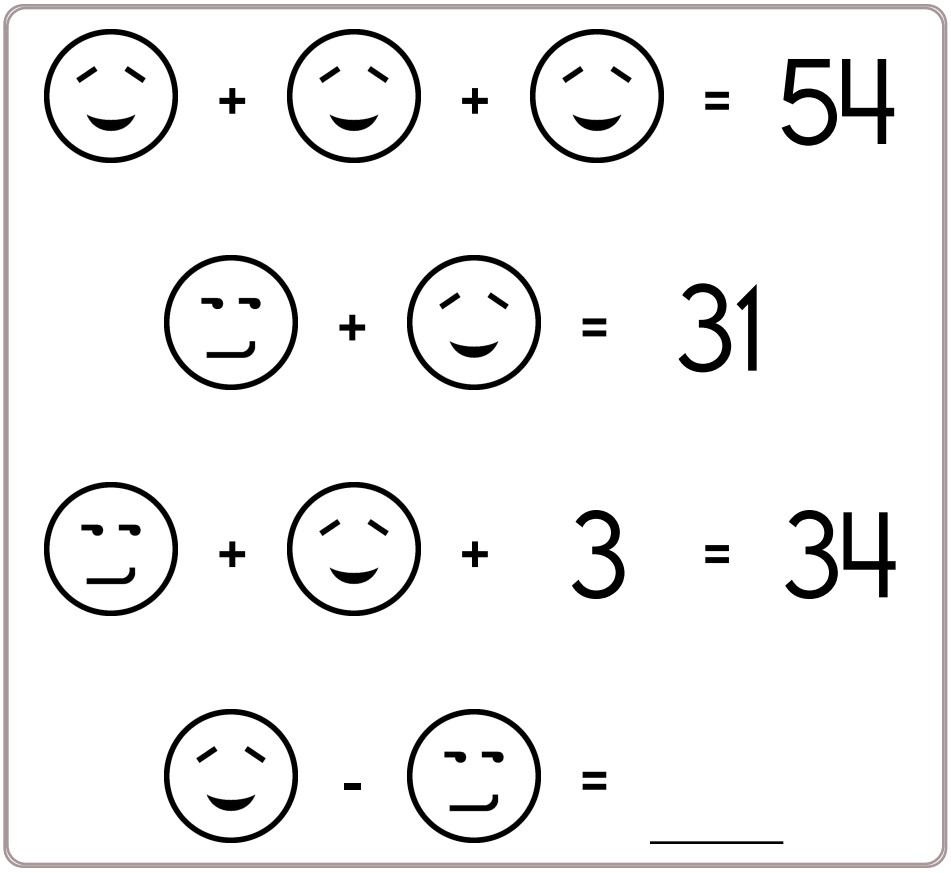
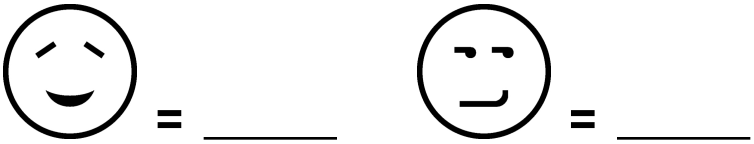
Name: _____

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

Then write the correct answer!





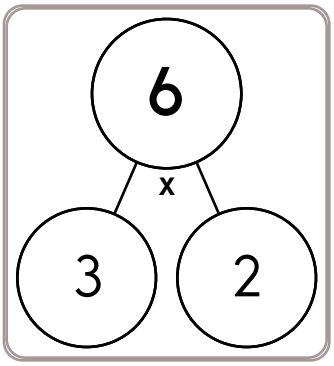
8 before 16 _____	8 after 18 _____	4 before 19 _____
1 before 18 _____	5 after 11 _____	3 before 15 _____
2 before 17 _____	9 after 12 _____	7 before 11 _____
5 before 13 _____	1 after 14 _____	9 before 14 _____
6 before 12 _____	2 after 13 _____	1 before 13 _____
6 before 19 _____	7 after 55 _____	2 before 43 _____

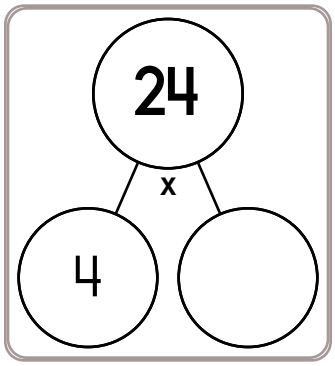
Name: _____

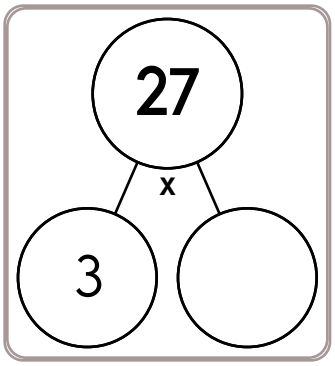
$5\overline{)25}$ $7\overline{)42}$ $3\overline{)27}$ $3\overline{)18}$

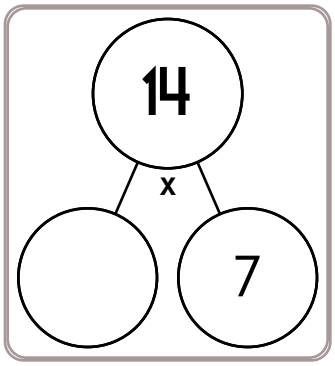
$7\overline{)14}$ $8\overline{)56}$ $9\overline{)45}$ $4\overline{)12}$

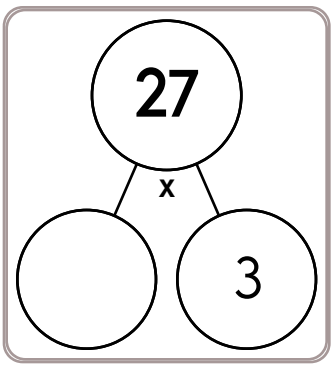
22 ÷ 2 =	54 ÷ 6 =	44 ÷ 11 =
16 ÷ 2 =	66 ÷ 11 =	8 ÷ 4 =
84 ÷ 12 =	36 ÷ 12 =	18 ÷ 3 =
12 ÷ 2 =	28 ÷ 7 =	30 ÷ 6 =

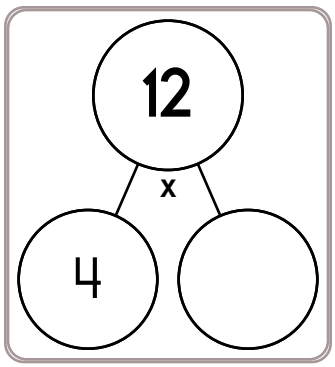


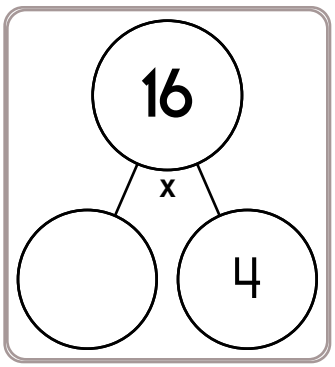


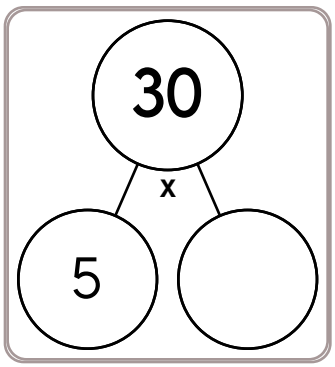












Name: _____

Wendy is making a quilt using 3-inch squares. She has 4 different colors. She wants to have 4 colors in a row (yellow, orange, red, and white). How many different arrangements of the squares are possible?

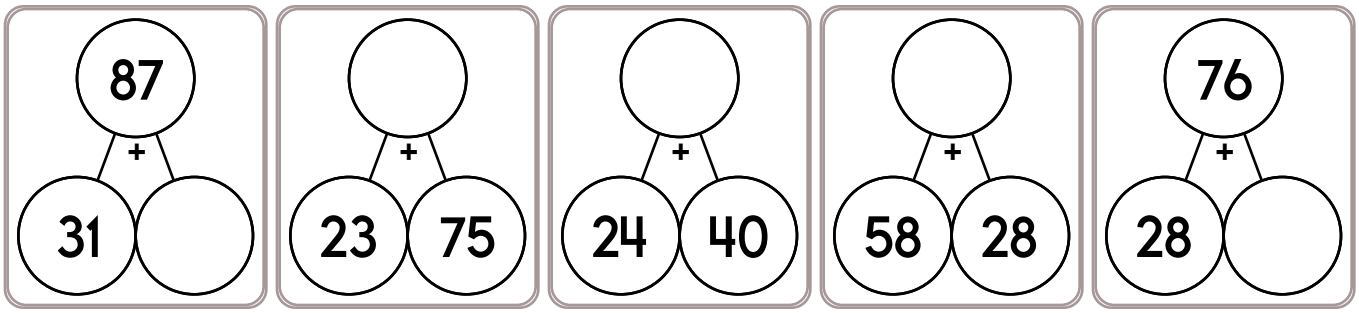
Students in Mr. Rodriguez's cooking class were given $1\frac{5}{6}$ hours to make their fritters. How many minutes is this?

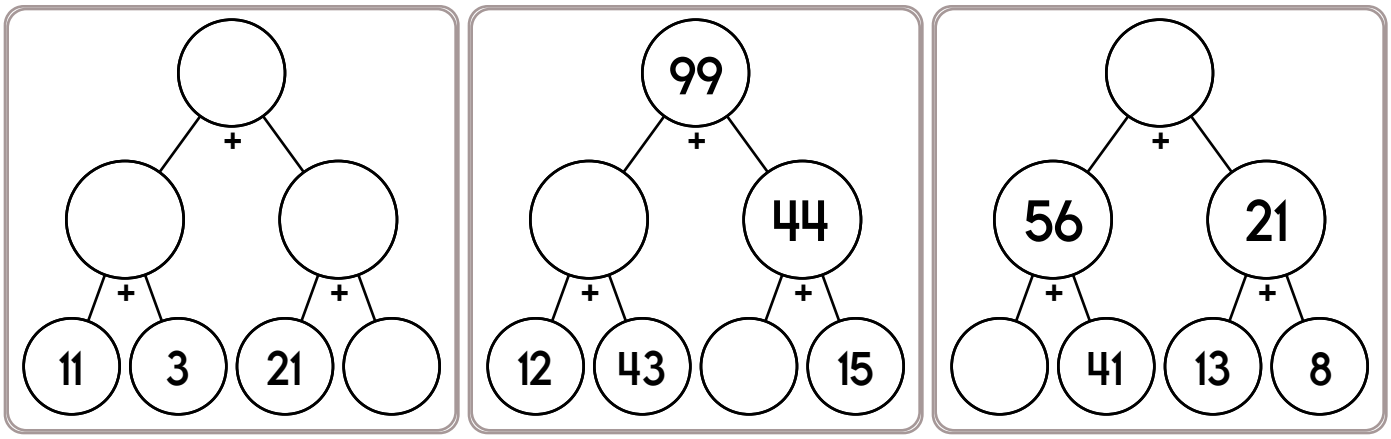
Which number has more factors: 19 or 21?

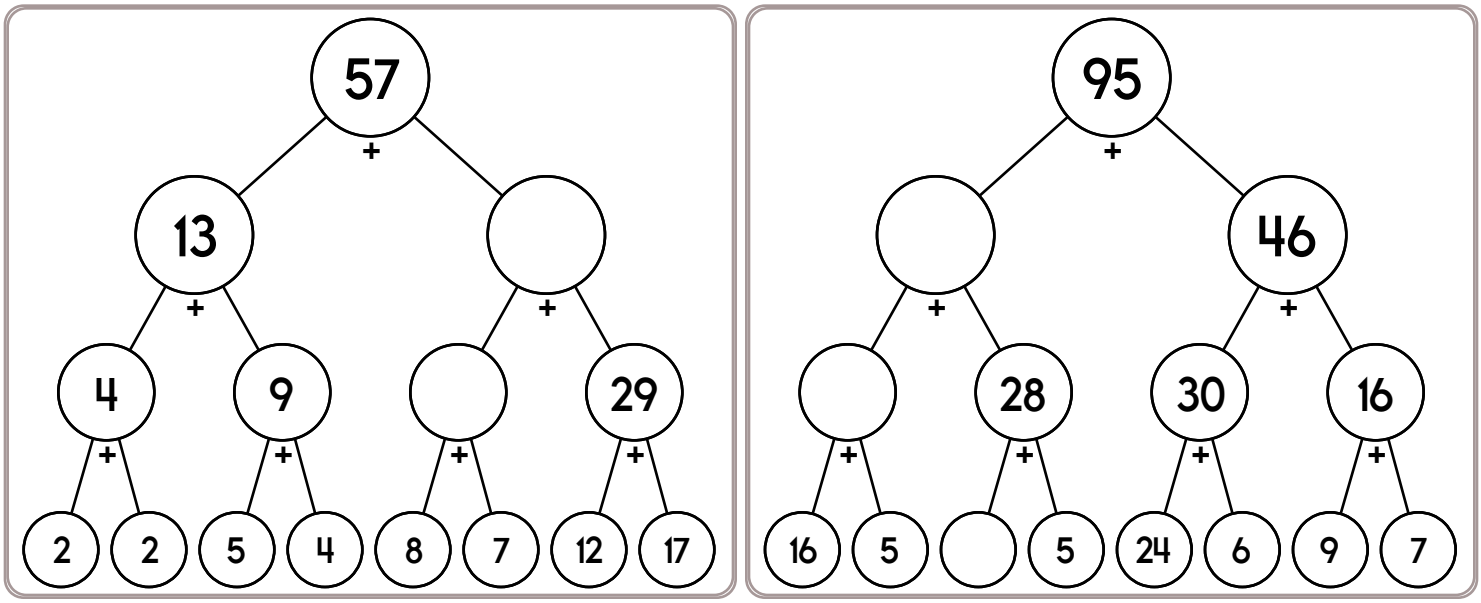
Mr. Davis has ants and bears on his farm. The ants are his favorite! One day he was bored and counted all the legs. Between his insects and bears he had a total of 48 legs. That's a lot of legs! How many ants does he have?

word root **ish** can mean **like** **outlandish, snobbish**

Name: _____







On a number line, what is the number that is 3 spaces right of -1?

7 + -2 = ___

7 - 2 = ___

17 - 5 = ___

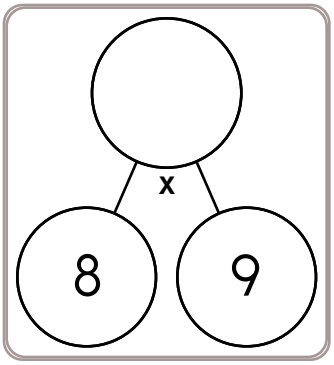
17 + -5 = ___

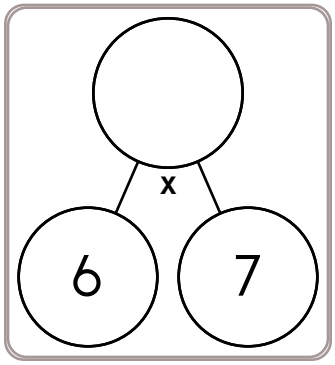
word root **struct** can mean **build** **construct, infrastructure, reconstruct**

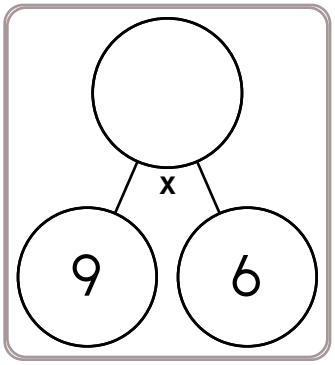
Name: _____

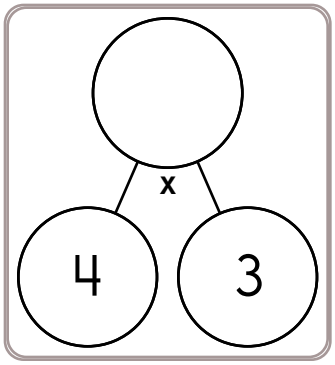
2 x 6 =	4 x 5 =	3 x 5 =
7 x 9 =	9 x 6 =	8 x 2 =
3 x 6 =	7 x 7 =	9 x 4 =
2 x 8 =	3 x 8 =	6 x 8 =

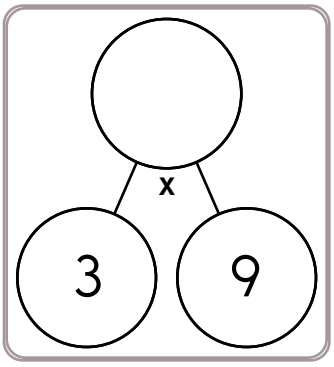
50 x ___ =200	___ x 9 =378	___ x 2 = 46
90 x ___ =810	___ x 6 =576	___ x 2 = 22
73 x ___ =584	74 x ___ =444	___ x 6 =162
___ x 3 =285	19 x ___ = 152	70 x ___ =280

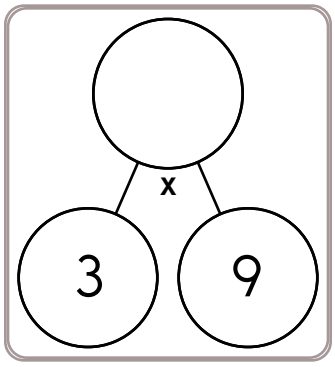


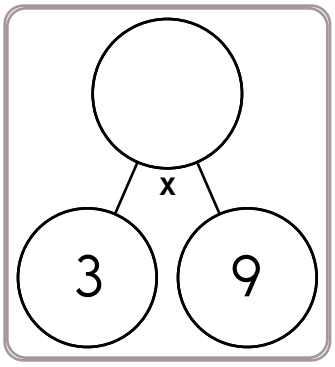


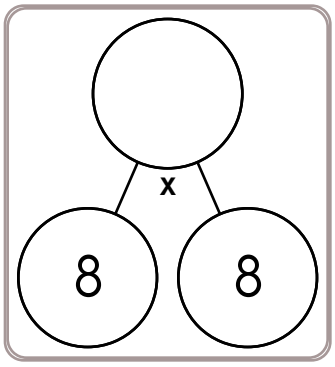












Name: _____

Jenna made her own costume for Halloween. She bought 1.5 yards of fabric at $3.87 per yard, 3 yards of black ribbon for $0.35 per yard, and 3 spools of thread at $0.28 per spool. Her mask cost $10.87. How much did Jenna spend on her costume?

During the month of Ramadan, Muslims fast from sunrise to sunset. In New York City, the sun will rise at 7:09 a.m. and set at 6:38 p.m. on October 16. How long will the Muslims in New York City fast on that day?

April drew a square. She said, "My square's perimeter is 12 cm more than its area." Pam wants to draw the same square but is confused. "You can't subtract area from perimeter," she replied. Pam knows the area should be in square centimeters and perimeter is in centimeters. April just thought they were both in centimeters. Can you figure out how long each side of her square is?

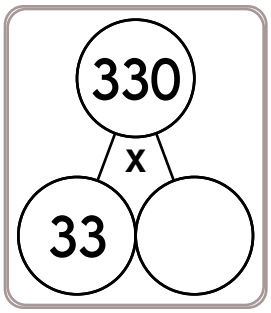
Fill in the missing numbers.

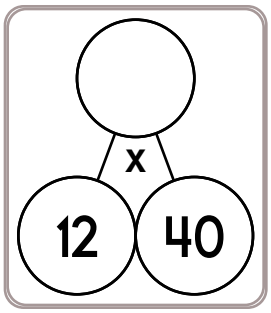
0.08153 x _____ = 815.3

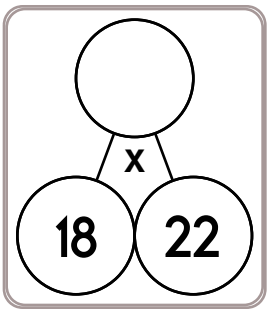
81.53 x _____ = 815.3

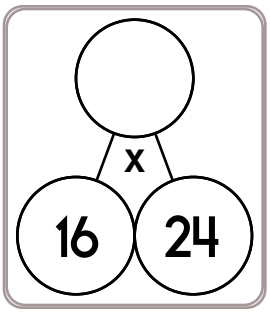
0.8153 x _____ = 815.3

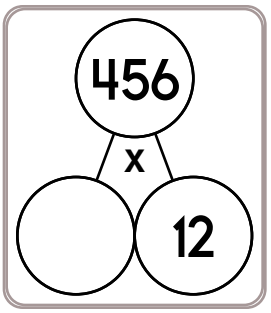
Name: _____

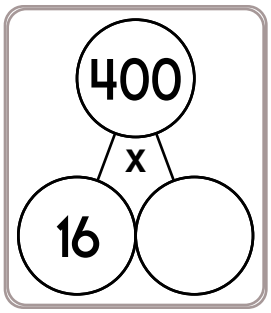


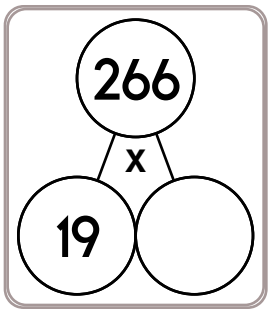


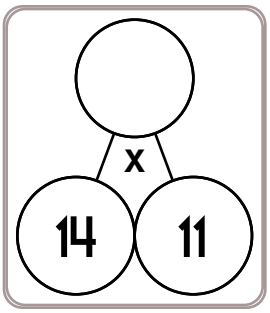


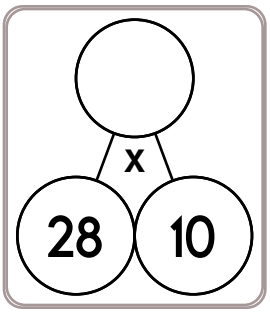


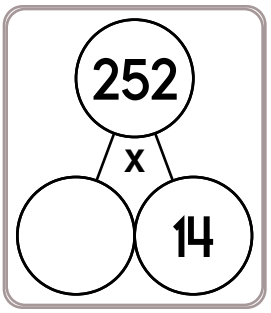












What is the least common multiple of 12 and 9?

What is the greatest common factor of 10, 25, and 30?

x - 11 = 8

(8 x 5) + 7 + 5

Round 11,707 to the nearest thousand.

46, 47, 49, _____, 56, 61, 67, 74, 82, 91, 101

F, K, G, L, H, M, I, _____, J, O

The perimeter of a rectangle is 16 cm. The longer side is 6 cm. How long is the shorter side?

A rectangle is 52 cm on one side and 8 cm on another side. What is the perimeter?

Name: _____

The fourth grade students invited their parents to come to their classroom on Alexander Graham Bell Day to see their projects. Emma was making nametags for the parents. She needs 35 nametags. If she makes 5 nametags each day, how many days will it take her to make all the tags?

Emma made a timeline for finishing her science project. She put the timeline on her bulletin board and checked it each day. The timeline shows that the project will be finished in 25 days. If she uses $\frac{1}{5}$ of that time for doing research, how many days will she have left to finish the project?

9, _____, 13, 15, 17, 19, 21, 23, 25

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

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

Hunter played for his high school team last year. He hit a home run one-sixth of the times he was at bat. He was at bat 30 times. How many home runs did he hit?

Mr. King bought two books about penguins for his class. The books cost $12.86 and $18.55. He paid for them with 2 $20 bills. How much money did he have left?

Erin used masking tape to make a hopscotch outline on the floor of the playroom. She taped the full length and width of each of 12 squares. If she used 20 yards of masking tape, what were the measurements of each square?

How many centimeters in 6.4 meters?

It was 6 degrees below zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

What is the area of a rectangle with sides 2 cm and 8 cm?

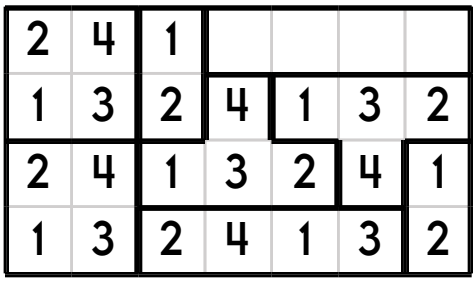
Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

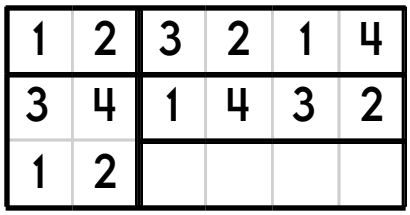
Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.



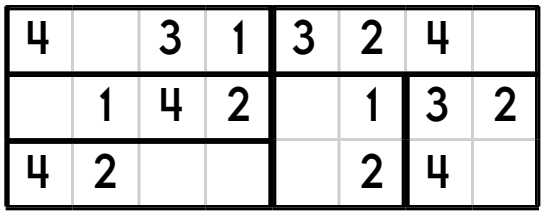
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 4 1 2



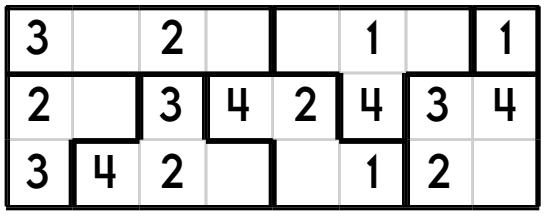
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 2 4 3



Hint - These numbers are missing:

3 3 4 1 1 1 2 3



Hint - These numbers are missing:

3 2 1 3 1 1 4 1

Circle the greatest number:

74,598,132	73,509,814,693
412,786,903,526	4,571,082

Name: _____

Fill in the missing numbers.

1	2		2
4	3	4	3
		2	
3		3	4
1		1	

Hint - These numbers are missing:

2 1 2 2

4 1 1

4			
	1	4	2
4	2	3	
3		4	2
4			1

Hint - These numbers are missing:

3 3 3 2

1 2 1 1

1		1	
3	4	3	
	1		1
4	3	4	
1			2

Hint - These numbers are missing:

2 2 1 3

2 4 2 2

	1		1
4	3	4	
	2		2
3	4	3	
	1		1

Hint - These numbers are missing:

1 2 1 2

4 2 2 3

word root **miss** can mean **send** **missile, missive**

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

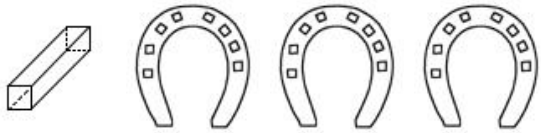
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

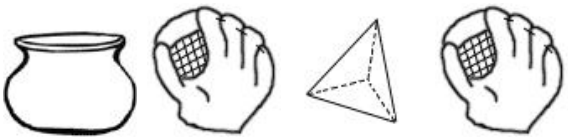
Draw the 3 pictures in the correct order:

Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

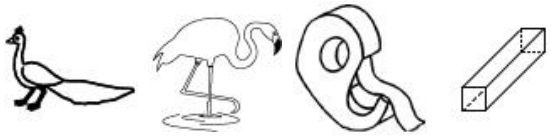


Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

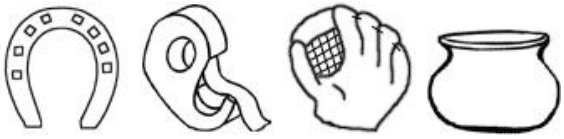
Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

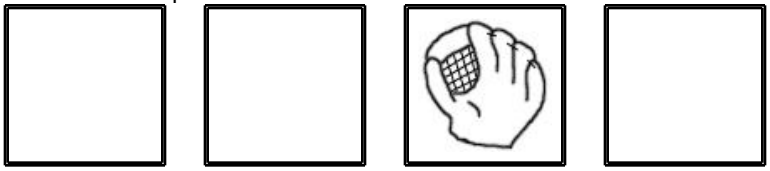


Draw 2 of these 4 pictures.
None of those pictures are in the correct spot.



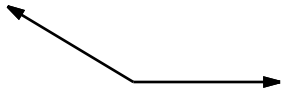
Draw 3 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: _____

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



What kind of angle is this?

Change to a percent.
0.3

$\frac{72}{96} = \frac{?}{8}$

Change to a fraction.
6%

Reduce $\frac{13}{26}$ to its lowest terms.

$8 + \frac{1}{4} + \frac{5}{9} =$

$15 + \frac{3}{4} + \frac{3}{4} =$

$\frac{N}{2} = 5$

$5n = 15$

$8y = 40$

Write the reciprocal.

$\frac{3}{4}$

Write the reciprocal.

$\frac{7}{4}$

Write the reciprocal.

$\frac{12}{10}$

Name: _____

Find the difference between 633 and 91.

682 - 8991 =

$$\begin{array}{r} 10,832 \\ -\quad 390 \\ \hline \end{array}$$

$$\begin{array}{r} 700 \\ \times\quad 69 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times\ 15 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times\quad 2 \\ \hline \end{array}$$

-45 + 33 =

-7 - 9 =

-7 + -10 =

$$\begin{array}{r} 5.3 \\ -4.51 \\ \hline \end{array}$$

Find the difference between 25.7 and 12.6.

$$\begin{array}{r} 0.81 \\ -0.235 \\ \hline \end{array}$$

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

Change $\frac{1}{5}$ to a decimal.

$$\begin{array}{r} 4.9 \\ \times\quad 50 \\ \hline \end{array}$$

Name: _____

What 4 coins add up to 35 cents?

2 + 12 x 5

Write $\frac{2}{8}$ in lowest terms.

The perimeter of a rectangle is 22 cm. The longer side is 8 cm. How long is the shorter side?

It was 2 degrees below zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

How much time is it from 7:00 a.m. to 11:45 a.m.?

What is the area of a rectangle with sides 5 cm and 10 cm?

37 + n = 52

A rectangle is 30 cm on one side and 10 cm on another side. What is the perimeter?

Know how many inches in a foot? Okay, smarty pants, how many inches in 6 feet?

1, 9, 1, 9, 1, 9, 1,

_____, 1, 9, 1, 9

The area of a rectangle is 21 cm^2. What could the length of the 4 sides be?

Name: _____

Uncle Allen walked to school when he was a child. He said it was fun, especially in the winter. Then he and his best friend had snowball fights on the way! It took them 25 minutes to walk to school. If school started at 8:00 a.m., what time did they have to leave home to get to school on time?

My mother's recipe for fruitcake calls for $\frac{1}{4}$ cup of chopped walnuts. She is making 6 fruitcakes. How many cups of walnuts will she need?

Ms. Young bought $8\frac{1}{2}$ pounds of apples to make pies. She baked 3 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?

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word	Sum
1 2 4 6 10 14 M A M M O T H S	37
1 2 4 6 10 16 L E	
1 2 4 6 10 14 P R	
1 2 4 6 P O	

Make a Word	Sum
1 2 4 8 E	
1 2 4 6 10 O L	
1 2 4 6 12 18 R E	
1 2 4 8 12 S K I	

Name: _____

Sudoku Sums of 14

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 14.

Here is an example of a sudoku sum of 14:

10	4

9	8			3	4	1	2	
				6		8	9	7
2		7				3	6	
			8					
3	2							
8	5	4		9	2		7	
			9	2				
	7		6			2	3	
							1	

$$\begin{array}{r} 51 \\ -\ 41 \\ \hline \end{array}$$

How many inches are in 5 feet?

_____ inches

$24 \div 4 =$

$$\begin{array}{r} 240 \\ +\ 481 \\ \hline \end{array}$$

Circle the interjection in the sentence.
Wow, that was a close call!

Name: _____

Jenna will win if a random number pulled out of a box is an even number. 40 pieces of paper, numbered 1 to 40, are put inside a box. What is the chance that Jenna will not win?

27 km = _____ m

1 kg = 1,000 g

27 kg = _____ g

3 x 6 =

Can 390 be evenly divided by 10? Circle:

390 is evenly divisible by 10

390 is NOT evenly divisible by 10

What time is 13 hours after 5:00 p.m.?

_____

Write a letter that has two or more lines of symmetry.

_____

Eight kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $104. How much is one kids ticket? How much is one adult ticket?

$$\begin{array}{r} 44 \\ +\ 34 \\ \hline \end{array}$$

$$\begin{array}{r} 902 \\ -\ 837 \\ \hline \end{array}$$

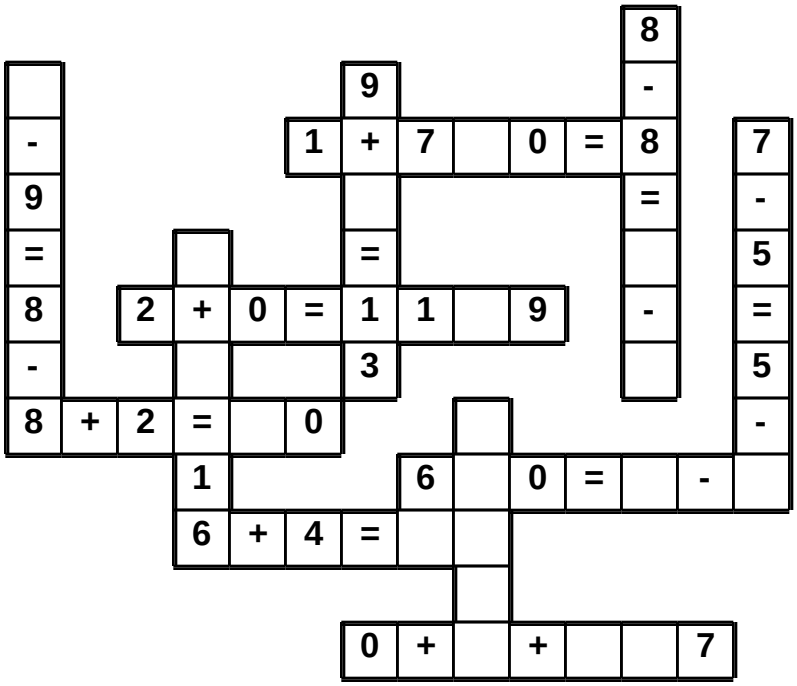
Circle the answer that best completes the sentence.

(May/Can) I have the last donut?

Name: _____

9 • + • 4 • 7 • 7 • - • 9 • 7 • 1 • 2 • + • 9 • 3 • 1 • 0 • =
2 • 5 • =

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



Write the missing family fact.

151 - 90 = 61
90 + 61 = 151
151 - 61 = 90

_____

Circle the smallest number:

34,028,780,164
947,518
20,635,169
9,732,547

Circle the addition property for 69 + 95 = 95 + 69.

associative property
commutative property

12 ÷ 4 =

_____

For 71,838,050,548,550, write the digit that is in the ten thousands place.

_____

In each pair, circle the word that is spelled correctly.

narate, narrate
poyse, poise
pour, porr

Circle the preposition(s) in the sentence.

At night I can hear squirrels running on the roof over my head.

Name: _____

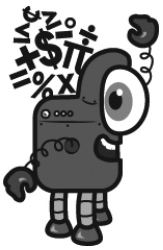
$\begin{array}{r} 74 \\ +\ 59 \\ \hline \end{array}$	$\begin{array}{r} 9{,}547 \\ -\ 6{,}764 \\ \hline \end{array}$	$\begin{array}{r} 611 \\ -\ 19 \\ \hline \end{array}$
Subtract 476 from 507.	Find the sum of 26 and 982.	Find the sum of 13, 14, and 49.
Multiply 18 and 3.	$\begin{array}{r} 822 \\ \times\ 6 \\ \hline \end{array}$	Find the product of 417 and 3.
$\begin{array}{r} 83 \\ \times\ 3 \\ \hline \end{array}$	$\begin{array}{r} 146 \\ \times\ 20 \\ \hline \end{array}$	$\begin{array}{r} 3{,}766 \\ \times\ 5 \\ \hline \end{array}$
What kind of angle has a measure of 180°?	Sketch an obtuse angle named $\angle EFG$.	An angle measures 56°. What would you call this angle?

Name: _____

$9 + y = 38$	What is the least common multiple of 2 and 5?	What is the least common multiple of 10 and 20?
What is the greatest common factor of 2 and 18?	What is the least common multiple of 9 and 4?	$m - 9 = 4$
Is the greatest common factor of 9 and 6 smaller, equal to, or greater than the least common multiple of 9 and 6?	$m + 19 = 30$	What is the least common multiple of 10 and 2?
Sketch a right angle named $\angle BCD$.	Sketch an acute angle named $\angle FGH$.	Sketch an acute angle named $\angle BCD$.

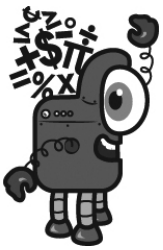
Name: _____

Mental Math — #1



- ❑ Start with the number 385. **385**
- ❑ Round to the nearest ten. _____
  5 4 3 8 3 9 0 1 2 5 (Circle your answer to double check you are correct.)
- ❑ Increase that number by 8. _____
  6 5 1 8 5 1 3 9 8 5
- ❑ Add half of 32. _____
  3 3 4 1 4 6 4 2 7 0
- ❑ Round to the nearest ten. _____
  6 4 1 0 7 8 3 9 1 8
- ❑ Add the number of inches in 2 feet. _____
  9 4 6 4 3 4 4 7 2 4

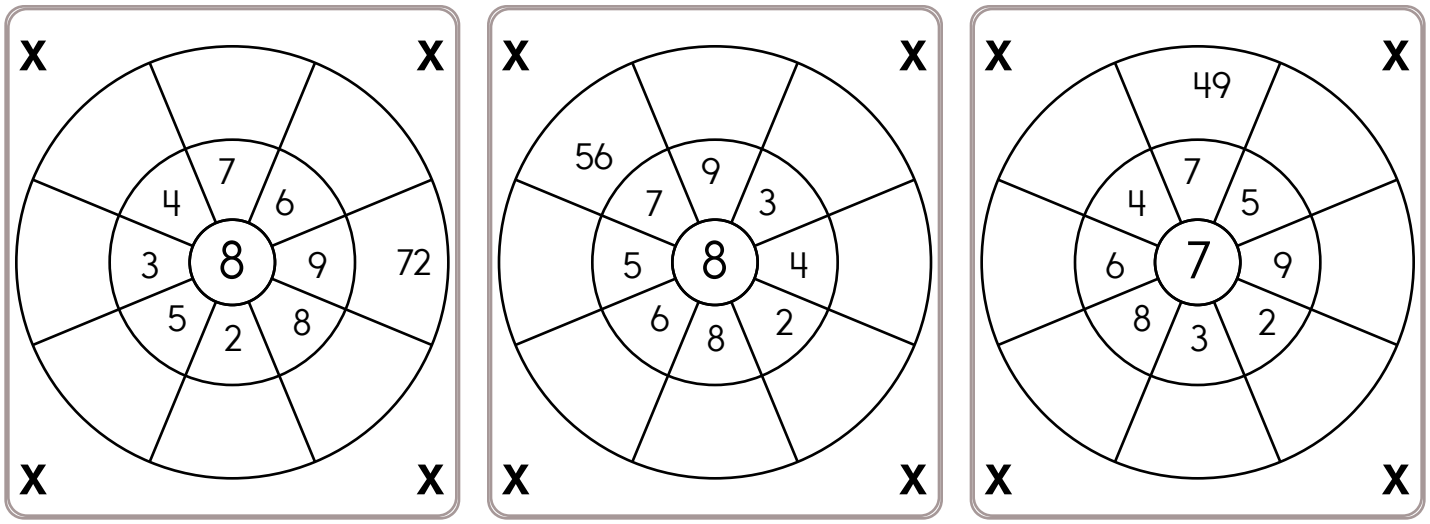
Mental Math — #2



- ☞ Start with the number of wheels on 3 cars. _____
  3 3 8 0 4 1 2 6 9 1 (Circle your answer to double check you are correct.)
- ☞ Triple that number. _____
  6 0 2 0 9 8 7 3 6 8
- ☞ Subtract 16. _____
  2 0 7 8 9 0 4 3 1 1
- ☞ Triple that number. _____
  6 0 8 6 0 2 2 6 5 6
- ☞ Divide that number in half. _____
  5 1 8 2 3 6 1 3 0 6
- ☞ Divide by 6. _____
  2 8 8 6 5 9 5 8 6 0

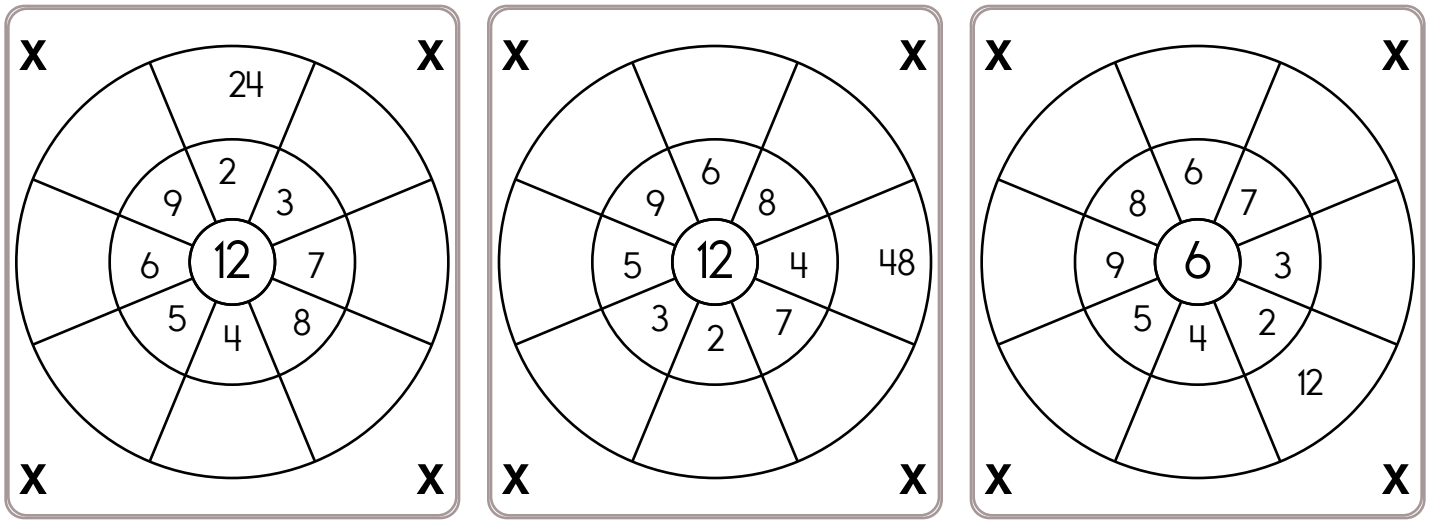
Name: _____

Multiply the numbers by the number in the center.



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

Multiply the numbers by the number in the center.

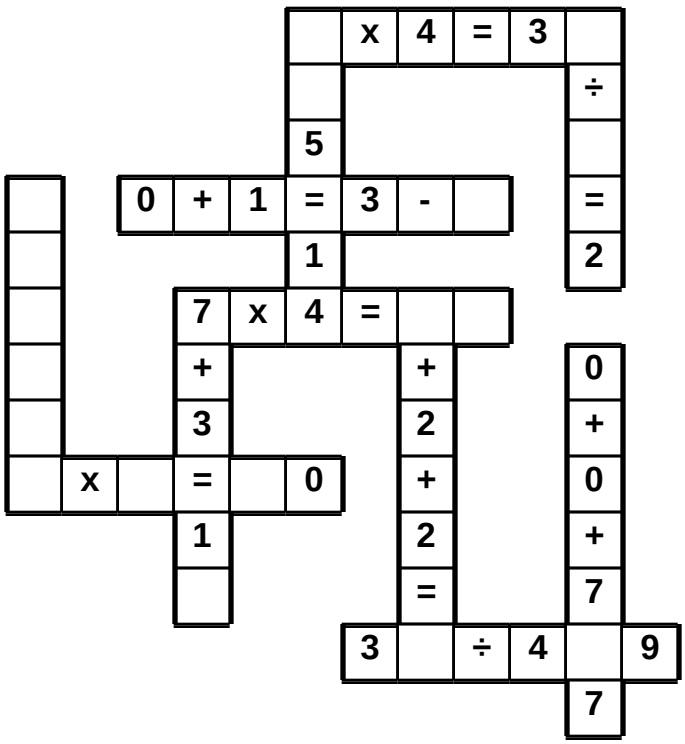


9 x 2 =	7 x 0 =	6 x 5 =	10 x 7 =	12 x 11 =
10 x 3 =	1 x 12 =	2 x 8 =	8 x 4 =	9 x 4 =

Name: _____

9 • 6 • + • 3 • 1 • 2 • 0 • ÷ • 2 • 8 • 2 • = • 5 • 8 • 4 • 0
6 • =

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



Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

77 divided by 11 equals

How much money is 1 quarter, 1 dime, 1 nickel, and 9 pennies?

Write the missing family fact.

17 x 5 = 85

85 ÷ 17 = 5

85 ÷ 5 = 17

12 - 1 ÷ 1

25 + n = 43

Name: _____

Figure out how many gold medals Austria, Norway, China, and France received.

1. France has four fewer gold medals than Norway.
2. Austria won five times as many gold medals as China.
3. Norway won nine more gold medals than one-half the number of gold medals won by France.
4. If China had won one more than three times the number of gold medals, they would have won four fewer gold medals than Norway.
5. The four countries won a total of forty-two gold medals.

Megan wants to call Rose. Rose is on vacation in Asia. It is a time difference of twelve hours. Rose's time is always later than Megan's time. If it is 7:31 P.M. where Megan lives, then what time is it where Rose is?

_____

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

seven hundred ninety-one thousand, twelve

_____

What can you multiply by 12 to get 9?

10 x 12 =

3 x 10 =

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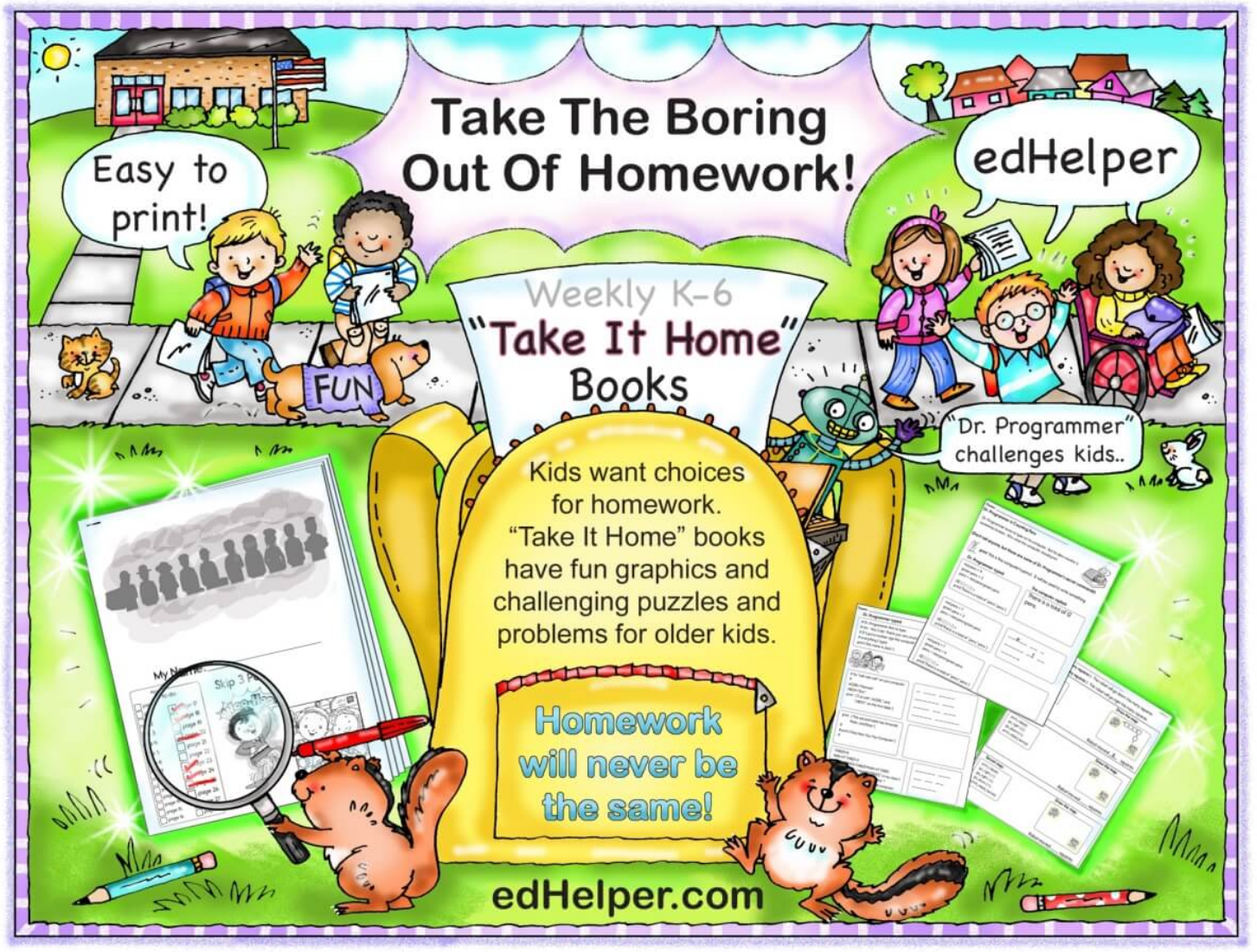
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