Name: _____

Jen is really into science. She invented a robotic bug that burps. Her brother loved it, so she wanted to send the robot to her brother. She checked her phone, and her brother is currently 1.9 miles away. After she set the coordinates on the phone, the robotic bug left. She got a burp confirmation 150.1 seconds later when it reached her brother. How fast did this robotic bug travel in miles per hour? Round your answer to the nearest mile. Hint: Convert time to hours. Then divide the miles by the time in hours.

$$5\frac{10}{11} + 1\frac{3}{11} + 9\frac{2}{11} = ____$$

Convert to a fraction or mixed number and simplify.

3.91 =

0.479 =

47.25 =

6.967 =

0.61 =

0.197 =

Write the decimal number for:

one hundred ninety-one and five hundred sixty-six thousandths

$$47{,}931 - 17 = ____$$

Change 1% to a decimal.

Reduce $\frac{2}{34}$ to its lowest terms.

Name: _____

Rewrite this mixed number as an improper fraction.

$12\frac{8}{9}$

Convert to a fraction or mixed number and simplify.

35.0179 =

21.0001 =

5.001 =

0.427 =

13.0154 =

0.0003 =

Find 6% of 80.

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

$\frac{14}{49}$ =

$\frac{16}{8}$ =

$\frac{105}{12}$ =

$\frac{18}{10}$ =

$\frac{77}{14}$ =

$\frac{5}{15}$ =

$$\begin{array}{r} 343 \\ +\ 67 \\ \hline \end{array}$$

$$\begin{array}{r} 916 \\ +\ 75 \\ \hline \end{array}$$

Find 5% of 116.

Name: _____

$\frac{30}{???} = 3$

What is the missing number?

$\frac{40}{N} = 10$

What is the value of N?

$700 = 50y$

$\frac{N}{7} = 10$

Find the sum of 19, 20, and 32.

$$\begin{array}{r} 87 \\ +\ 32 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 9 \\ 7 \\ +\ 7 \\ \hline \end{array}$$

Reduce $\frac{9}{24}$ to its lowest terms.

Reduce $\frac{55}{85}$ to its lowest terms.

Find the least common denominator.

$\frac{25}{12}$ and $\frac{30}{24}$

Name: _____

Change to a percent.

$\frac{6}{100}$

Change to a fraction.
77%

Change to a percent.
7.2

7 + -1 = ____

7 - 1 = ____

11 - 7 = ____

11 + -7 = ____

On a number line, what is the number that is 6 spaces right of -4?

-4 + 8 =

-6 - 4 =

$\frac{-84}{-12}$ =

$$\begin{array}{r} 0.9 \\ 0.8 \\ +0.9 \\ \hline \end{array}$$

What is the sum of 6.1 and 2.9?

$$\begin{array}{r} 918.4 \\ 855.5 \\ +\ 11.51 \\ \hline \end{array}$$

Write the reciprocal.

$\frac{7}{6}$

Write the reciprocal.

$\frac{9}{22}$

Write the reciprocal.

$\frac{13}{11}$

Name: _____

$9\overline{)216}$

$4\overline{)320}$

$7\overline{)295}$

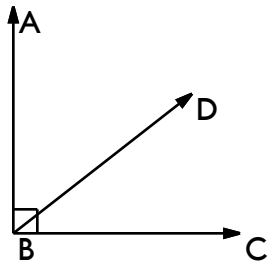
Divide and write remainder.

Change $\frac{2}{4}$ to a decimal.

$17\overline{)168.3}$

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

Sketch 2 lines $\overleftrightarrow{GH}$ and $\overleftrightarrow{ST}$ that are intersecting.



What kind of angle is $\angle ABD$?

Sketch an obtuse angle named $\angle GHI$.

Sketch a right angle named $\angle EFG$.

What kind of angle has a measure of between 0° and 90°?

Name: _____

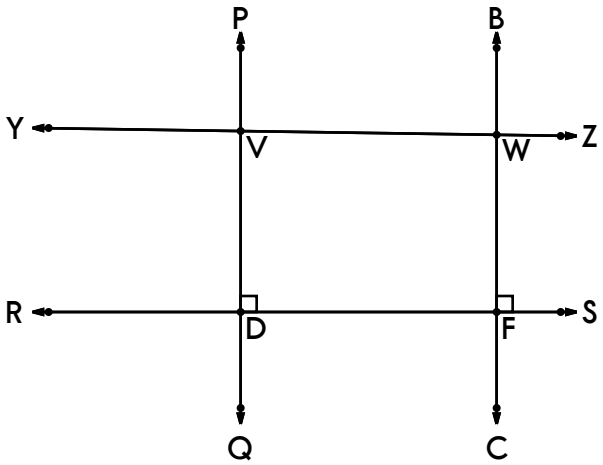
$40\overline{)6960}$

Divide and write remainder.

$36\overline{)3065}$

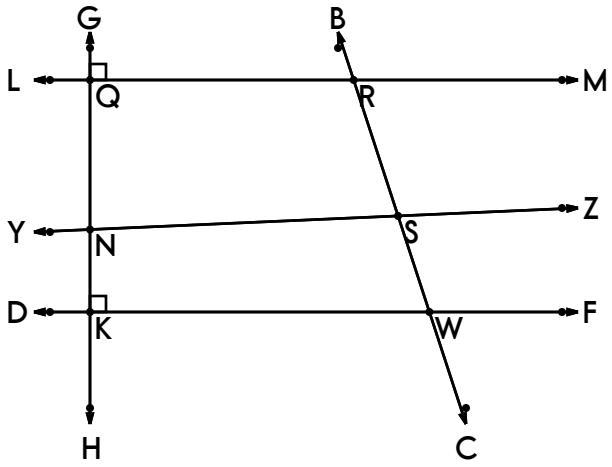
Divide and write remainder.

$4\overline{)60}$



Name 3 angles.

Name 2 pairs of intersecting lines.



Name 3 line segments on $\overleftrightarrow{WX}$.

$5 + \frac{2}{3} + \frac{10}{11} =$

Reduce $\frac{10}{35}$ to its lowest terms.

$3 - \frac{1}{6} - \frac{2}{3} =$

Name: _____

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

_____

$$\begin{array}{r} 52 \\ -\ 14 \\ \hline \end{array}$$

Amanda got a new soccer shirt. Can you guess the number on the back of her shirt?

It has two digits.
The digits add up to 11.
The larger digit is 1 more than the smaller digit.
The number is even.

1 km = 1,000 m

28 km = _____ m

17 lb = _____ oz

In the number 33,256,667, the digit 2 is in what place?

_____

449 + 294 = _____

3 x 4 = _____

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

seven hundred forty thousand, ninety

_____

$$\begin{array}{r} 385 \\ -\ 218 \\ \hline \end{array}$$

How many dimes make $1.80?

$$\begin{array}{r} 32 \\ +\ 42 \\ \hline \end{array}$$

22 ÷ 2 = _____

11 x 10 = _____

$$\begin{array}{r} 415 \\ +\ 252 \\ \hline \end{array}$$

Circle the greatest number:

58,749,306 910,845,372
21,615,924,708 5,094,673

How many grams are in 3 kilograms?

_____ grams

Name: _____

Sudoku Sums of 17

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 17.

Here is an example of a sudoku sum of 17: | 3 | 14 |

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

35 ÷ 7 = _____

What number is halfway between 13 and 25?

9 x 3 = _____

Name: _____

Can 976 be evenly divided by 3? Circle:
976 is evenly divisible by 3
976 is NOT evenly divisible by 3

7 x 8 = _____

3 x 9 =

3 x 7 = _____

Write the numbers 30 to 60 on a sheet of paper. How many of these numbers are divisible by 8?

_____

24 ÷ 8 =

7 x 9 = _____

3 x 3 = _____

72 ÷ 8 =

You have four digits to use in an addition problem: 5, 9, 5, and 3. Make up a problem where you have two 2-digit numbers. What is the largest sum you can make?

8,183 - 5,195 = _____

Erin rolls a die. What is the chance of her rolling a 6?

_____

Circle the addition property for 43 + 195 = 195 + 43.

commutative property

associative property

For 831,844,865, write the digit that is in the hundred thousands place.

_____

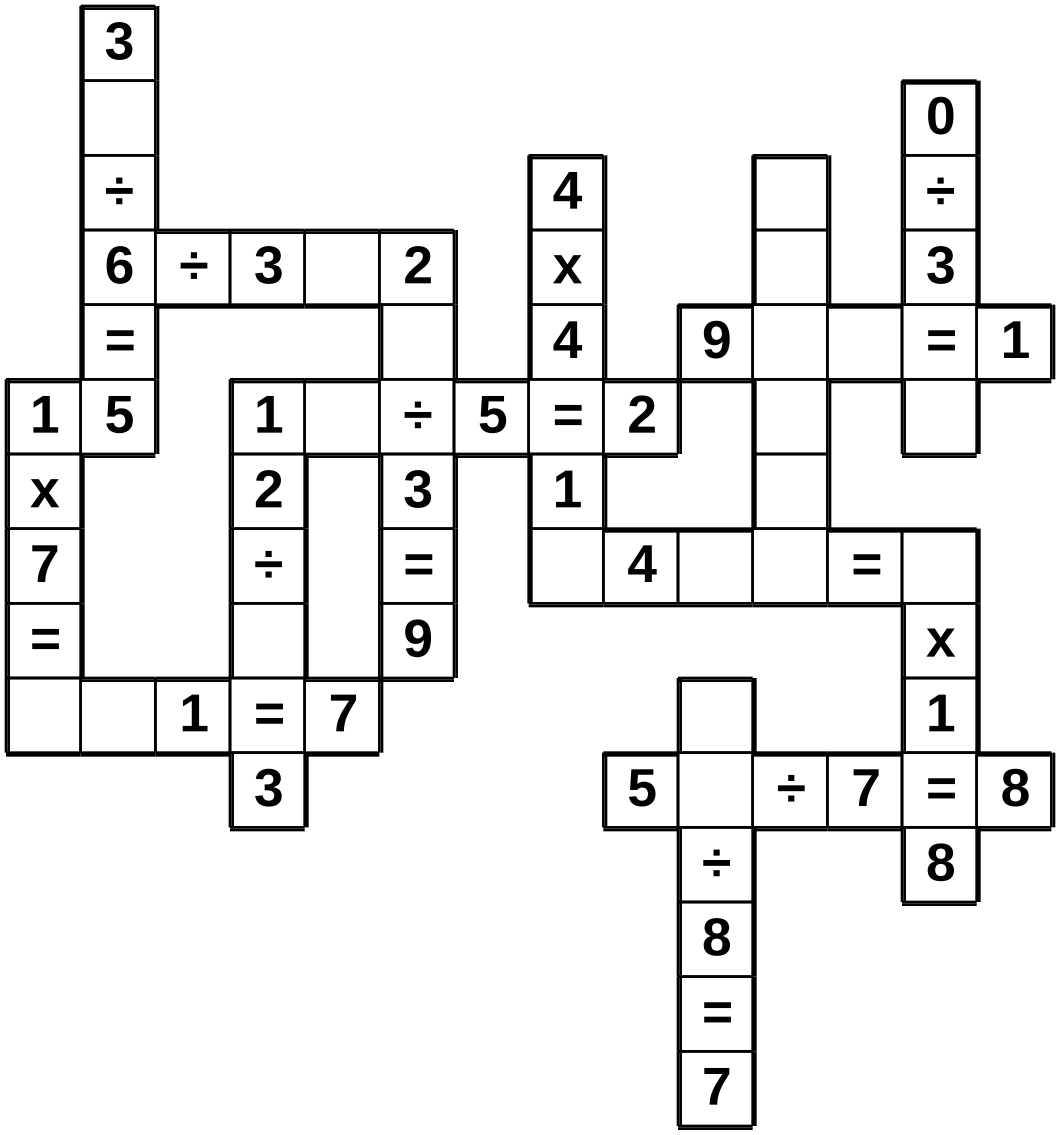
48 ÷ 4 = _____

word root **ab** can mean **away or from** **abbreviate, abduct, abduction**

Name: _____

0 • 3 • = • 2 • 7 • ÷ • 9 • 0 • 4 • 0 • = • 6 • ÷ • 8 • 8 • 4
7 • ÷ • 5 • 6

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



11 x 12 = _____

Write 9,652 in words.

_____

11 x 12 = _____

Write an equation to represent this:

The sum of eight and five is thirteen.

_____

72 ÷ 9 = _____

word root **port** can mean **carry** **transport, import**

Name: _____

$45\overline{)952}$ $35\overline{)1225}$ $10\overline{)240}$ $12\overline{)288}$

$20\overline{)120}$ $16\overline{)128}$ $42\overline{)769}$ $27\overline{)907}$

Write the reciprocal.

$\frac{1}{2}$

Write the reciprocal.

$\frac{3}{16}$

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

If y = -7 and s = 21 then what is the value of n?
7y + 10s - 3s = n

$10.4593 \times 10^2 =$

Each side of a regular pentagon is 14.6 centimeters. What is the perimeter?

If a = 9 and b = 5, then
3a + b =

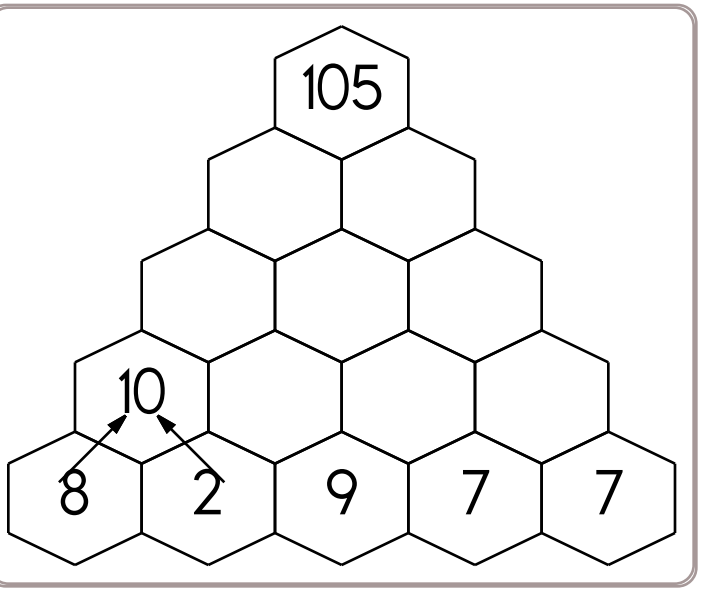
$6 \times 6 \times 6 \times 6 \times 6 = x^5$

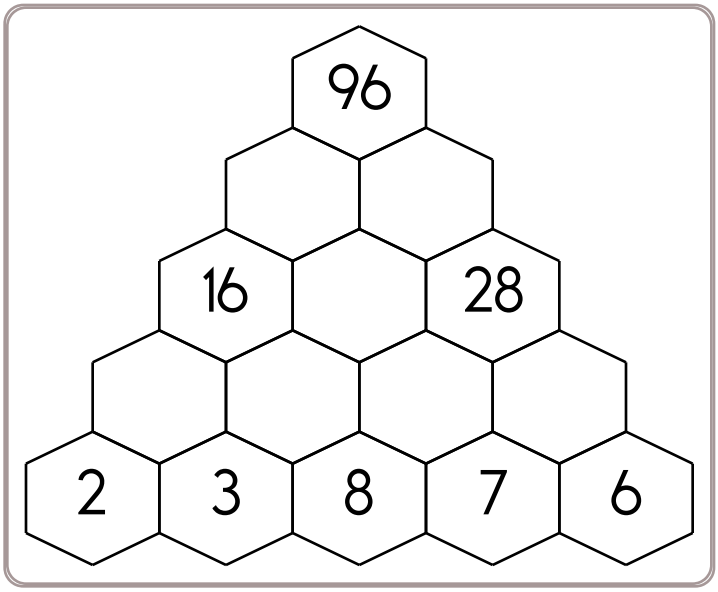
What is the value of x?

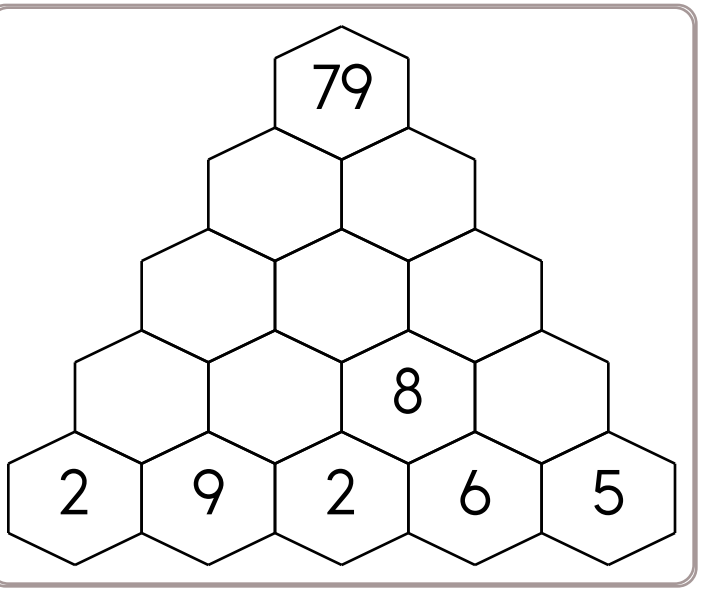
$\frac{2}{11} \times \frac{1}{6}$

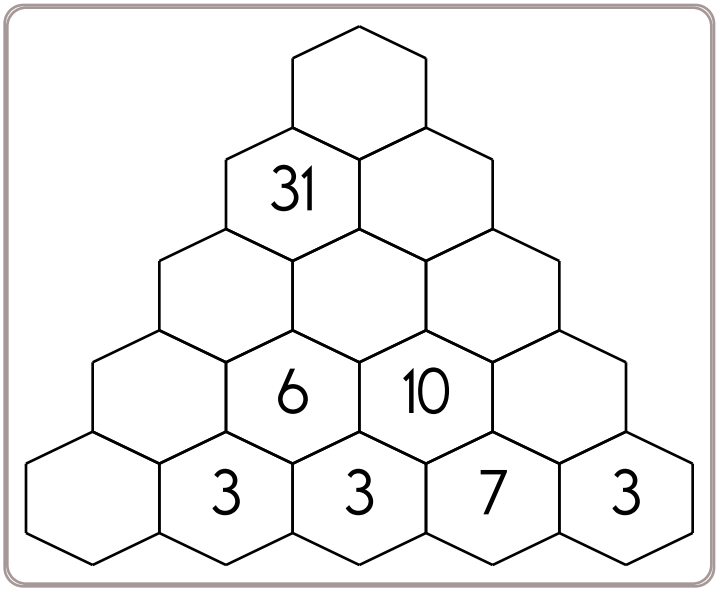
Name: _____

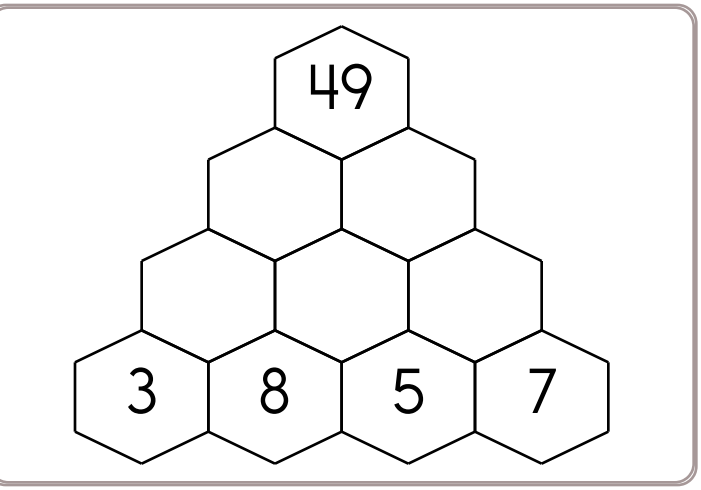
Fill in the blanks by adding the two numbers below each hexagon.

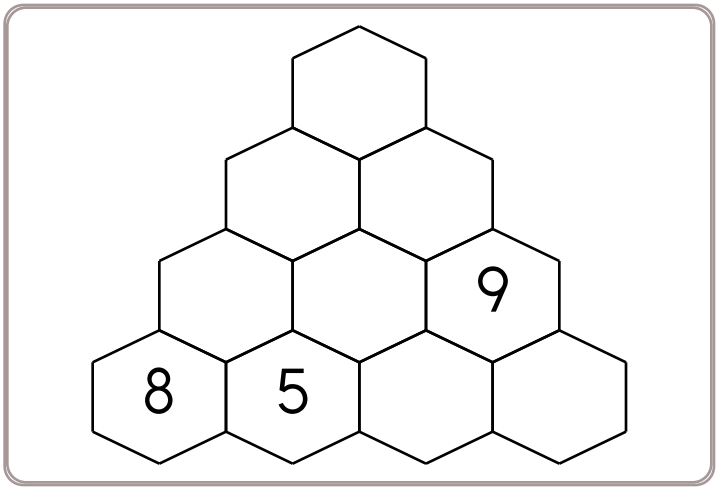












Name: _____

Can you draw lines to cover every number or shape in the picture?

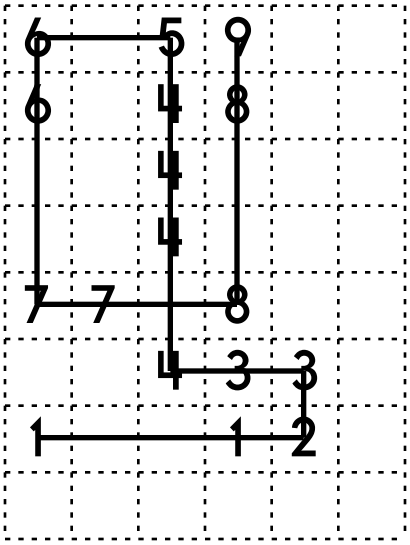
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

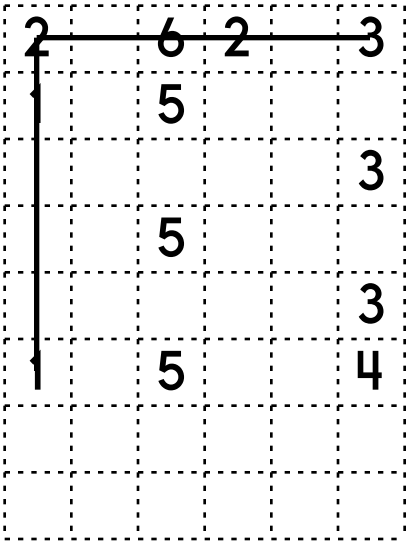
Do not pick up your pencil.



Draw exactly 5 lines.

Start on 1.

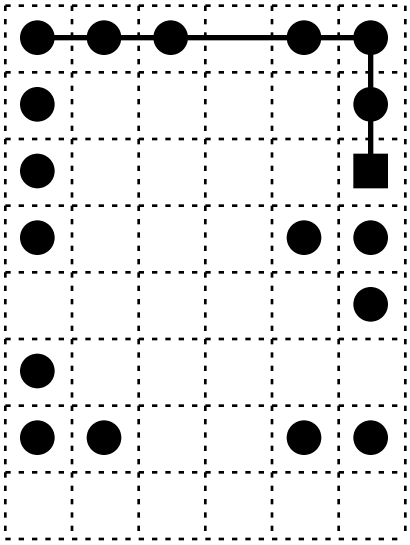
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

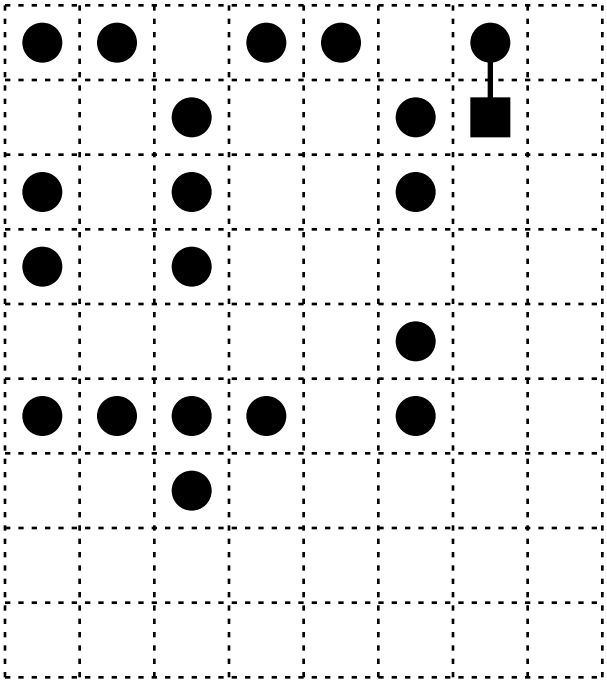
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

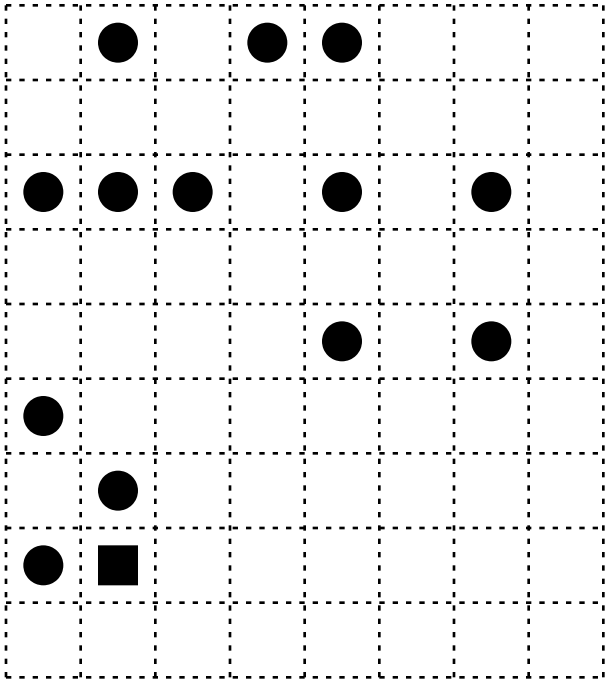
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 10 = 11

2 , 12 = 14

3 , 14 = 17

4 , 18 = 22

Then

5 , 22 = ?

If

4 , 6 = 10

5 , 8 = 13

6 , 11 = 17

7 , 13 = 20

Then

8 , 17 = ?

Complete each pattern, using the same rule. Write what the rule is.

8, 32, 35, 140, 143, 572, _____, _____, _____, _____, _____

7, 28, 31, 124, 127, 508, _____, _____, _____, _____, _____

5, _____, _____, _____, _____, 380

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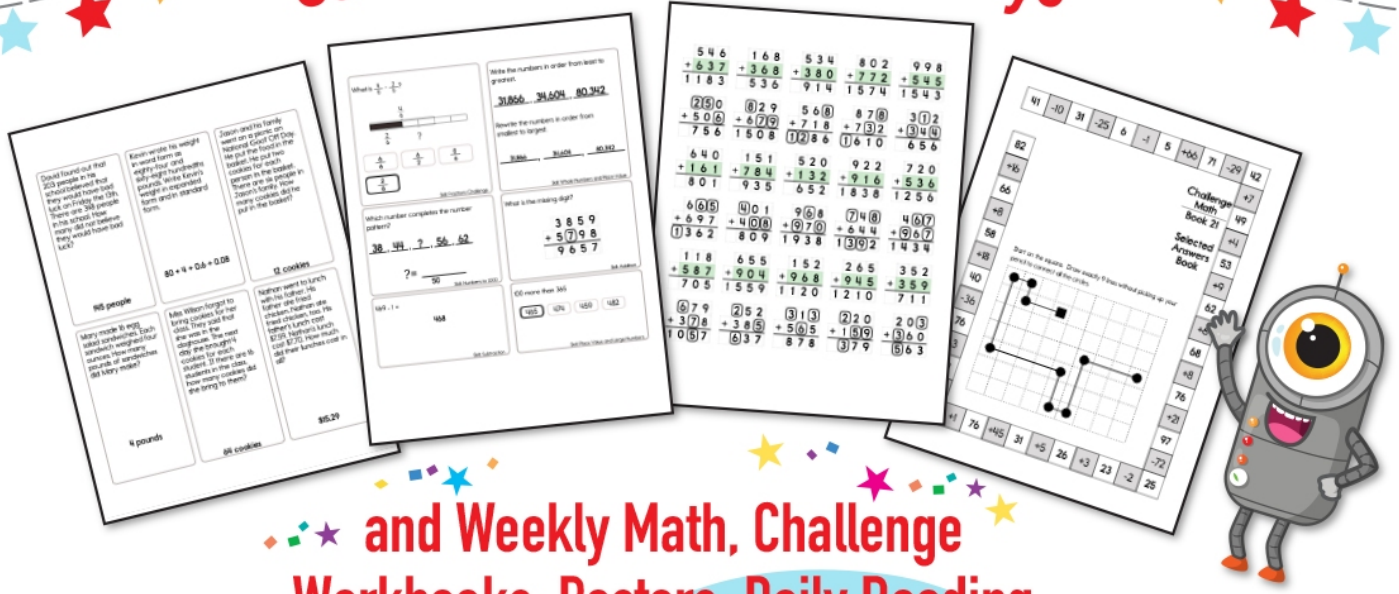

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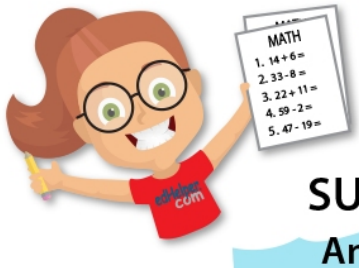

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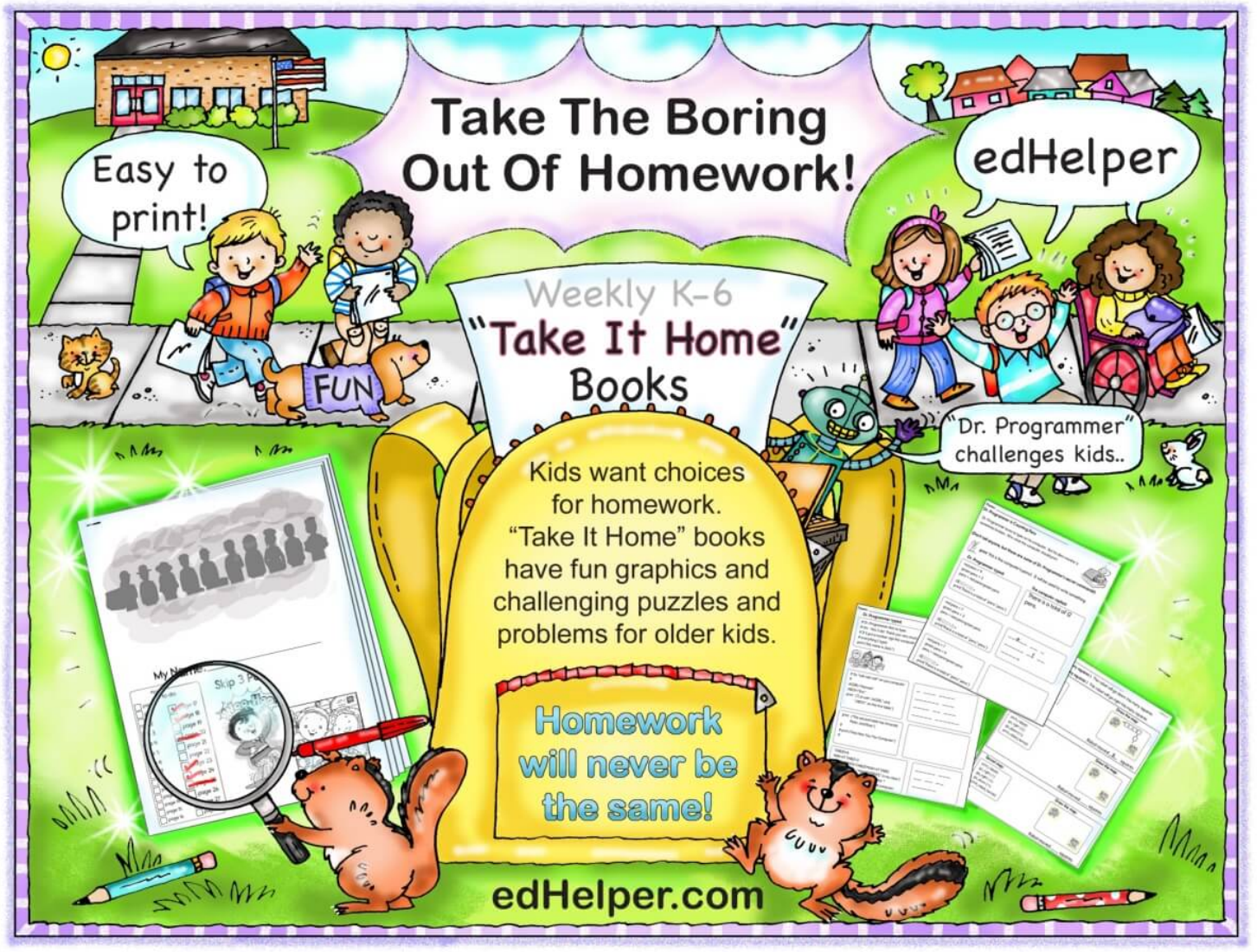
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