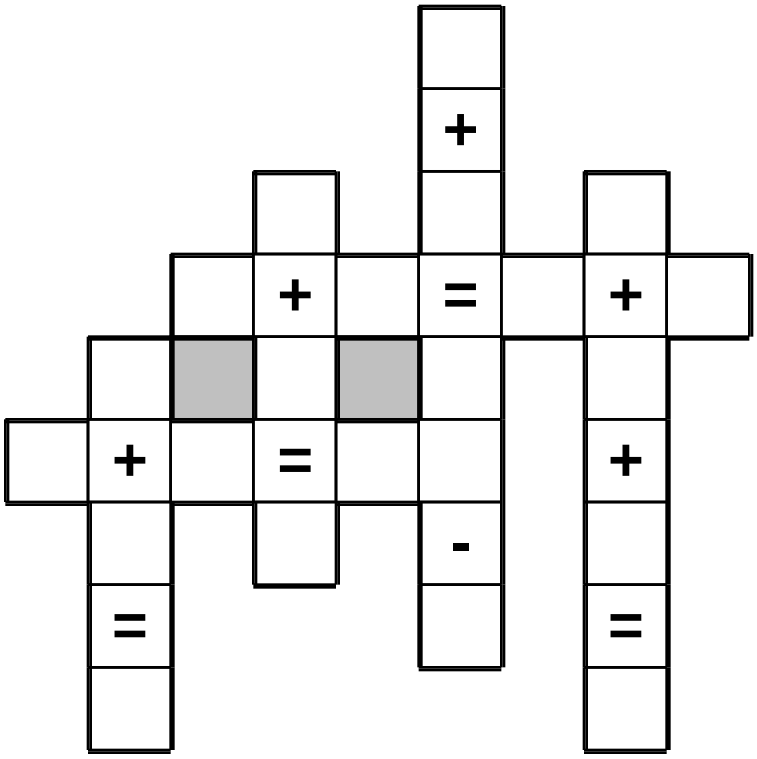
Name: _____

5 • 2 • 5 • 2 • 5 • 3 • 4 • 4 • 1 • 2 • 1 • 3 • 9 • 6 • 1 • 5
5 • 4 • 1 • 5 • 6 • 6

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



$2 \times 2 \times 2 \times 2 = x^4$

What is the value of x?

If m = 5 and y = -19 then what is the value of s?
11m - 10y - 2y = s

C, H, M, _____, W

Rewrite in scientific notation.

660,600,000,000

y = x + 15
y = 20
What is the value of x?

|-6| - y = -1

y =

Name: _____

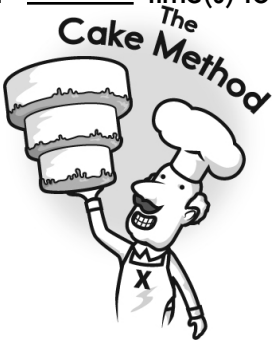
4,789,589 - 348,991	79 is how much more than 830?	285 + 73
$9\overline{)54}$ Divide and write remainder.	$4\overline{)340}$ Divide and write remainder.	6,362 4,556 + 1,847
433 5,685 + 627	775 23 871 + 10	35 + 17 + 24 =
90,900 - 41,536	1,867 - 1,733	145 + 95

Name: _____

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.



3 | 15 36 5 12 LCM: 3 x 5 x 12 = 180	4 | 48 20 LCM: _____	
3 | 18 21 LCM: _____	2 | 48 54 LCM: _____	5 | 120 150 LCM: _____
18 22 LCM: _____	40 28 LCM: _____	36 12 LCM: _____
14 30 LCM: _____	50 45 LCM: _____	32 40 LCM: _____

Name: _____

Spin again.

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

Find the LCM using the Birthday Cake method.

4 | 144 132
3 | 36 33
12 11

LCM: 4 x 3 x 12 x 11 = 1584

4 | 48 88
2 | 12 22

LCM: _____

2 | 16 18

LCM: _____

5 | 55 60

LCM: _____

10 | 40 50

LCM: _____

102 66

LCM: _____

15 45

LCM: _____

Name: _____

Robert spent $11.72 for a cheese pizza and $1.15 for each of the three toppings. How much did he spend in all?

Erin goes to four classes per day. Each class lasts $1\frac{2}{3}$ of an hour. How many hours per week does she spend in classes?

8 x 4 =

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

1 km = 1,000 m

19 km = _____ m

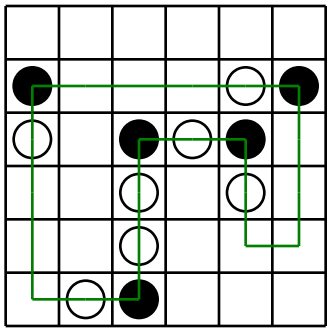
8 x 2 = _____

Pick a month. Can you make up a calendar for your month with four Saturdays? Show your calendar below:

5 x 12 =

$$\begin{array}{r} 55 \\ -\ 29 \\ \hline \end{array}$$

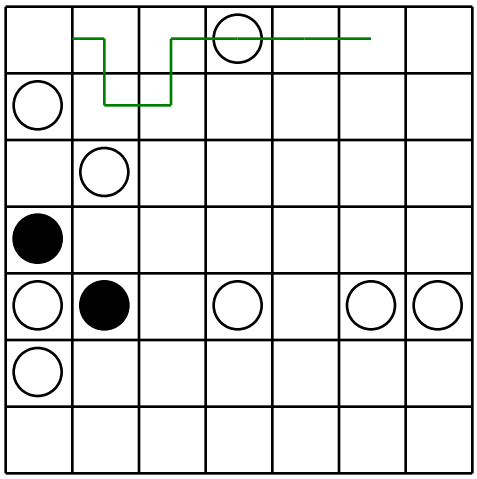
Name: _____



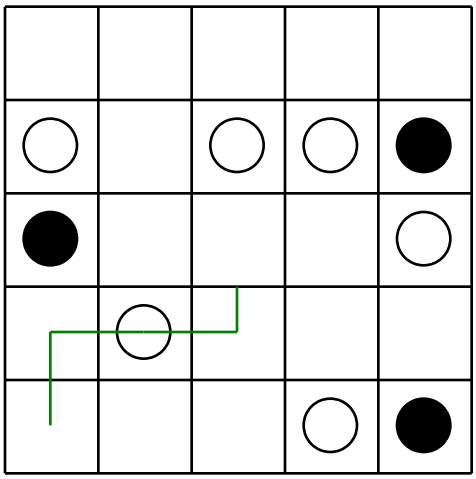
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

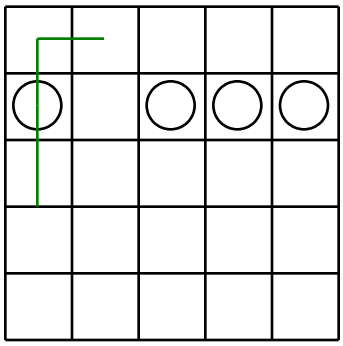
Finish the line:



Finish the line:



Finish the line:



How many inches are in 9 feet?

_____ inches

693 - 335 = _____

Rewrite these in increasing order of length:

58 km, 774 cm, 782 mm

Here is a pattern of letters:

X Z A X X Z A X X Z A X X Z . . .

What letter will be the 40th term in the pattern?

What time is 13 hours after 3:00 a.m.?

_____

16 ÷ 2 = _____

$$\begin{array}{r} 447 \\ +\ 301 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ +\ 37 \\ \hline \end{array}$$

word root **di** can mean **day** **diary**

Name: _____

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

		L	L		Y	F		T	W
P	S	O	U	R	C	E	T		C
	Z	F	W	R	P			M	H
S	M	R					W	P	
T			D		B	T			M
			T	X		H	R	R	B
R	S	Z	H	C	R	R	D	H	
	L		T				D		R
S			M			L	T		
T	S	R		D	L	L	S	L	

POSTURE • CHAMBER • FREEZE
MEASLES • ALLEY • HEEL • SOURCE
EXCEED • WIDTH • THRILL • TOWER
TEMPER • BURIAL

9 x 2 = _____

9 x 5 = _____

650
- 118

(4 + 6) + 2 =

14 ÷ 2 = _____

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

_____

120 ÷ 10 =

28 kg = _____ g

10 ÷ 5 = _____

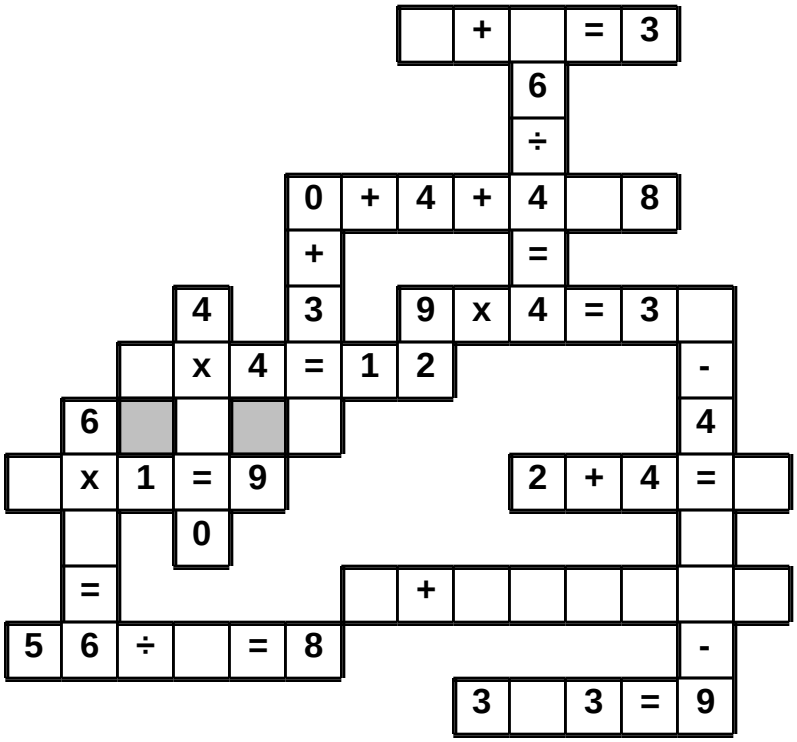
18 ÷ 6 =

10 ÷ 2 = _____

Name: _____

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

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



50 ÷ 10 = _____

8 x 8 = _____

Write the missing family fact.

190 ÷ 10 = 19
19 x 10 = 190
10 x 19 = 190

_____

5 x 12 = _____

79,935 + 16,945 = _____

15 ÷ 5 =

50 ÷ 10 = _____

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

two hundred ninety-three thousand, fifty-seven

_____

Mary rolls two dice. What is the chance of her rolling a 5 on one die and a 4 on the other die?

_____

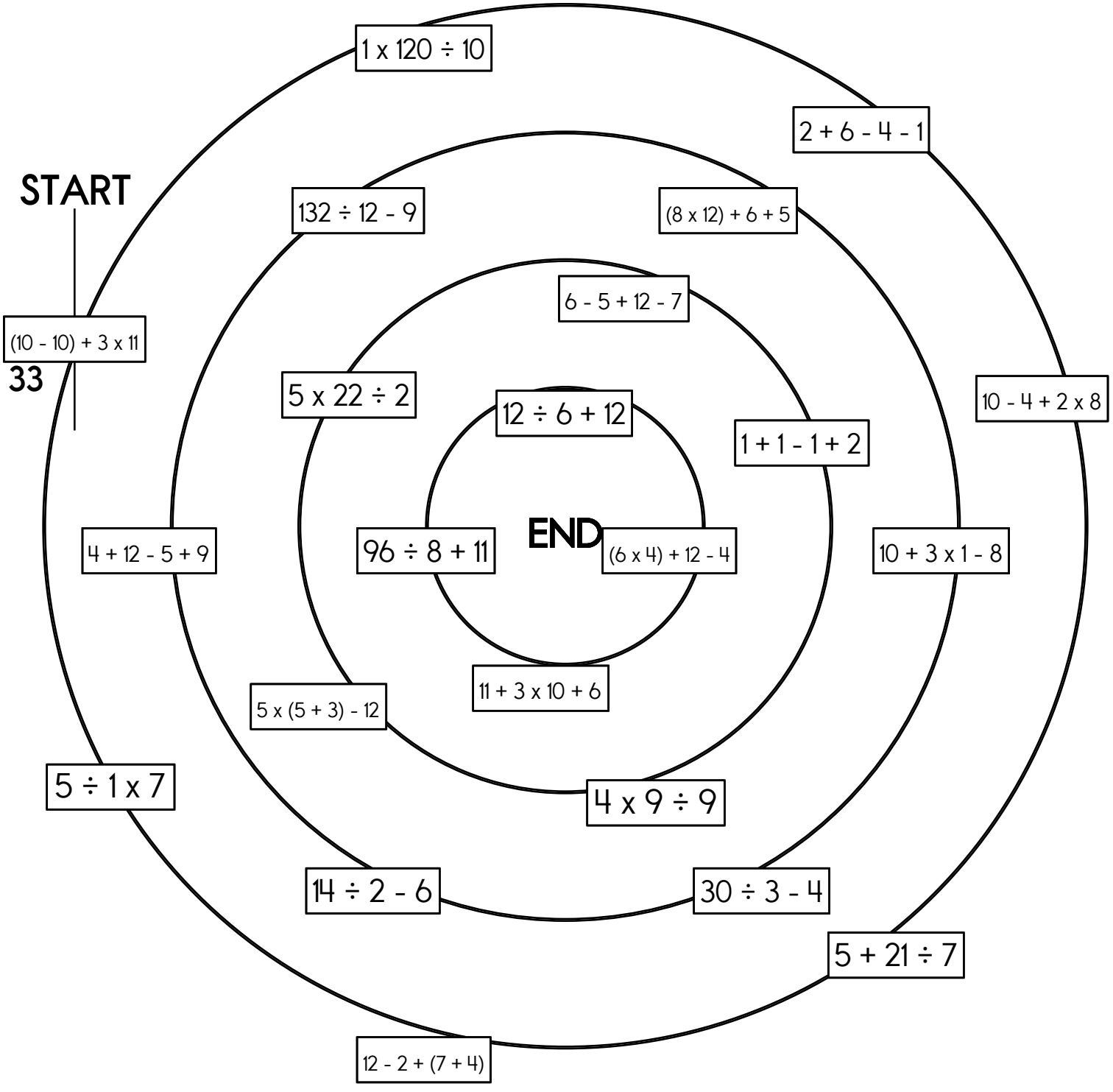
Name: _____

Draw a line from START to END.

28 ~~33~~ 32

107

Cross out the number you use above and then write it below.



Name: _____

$\frac{N}{41} = 42$

$4m = 44$

$\frac{N}{8} = 12$

$18m = 72$

$\frac{33}{N} = 11$

$8y = 32$

$50 \div \_\_\_ = 5$

What is the missing number?

$28 \div N = 4$

What is the value of N?

$\_\_\_ \times 7 = 70$

What is the missing number?

$N \times 3 = 6$

What is the value of N?

$28 \div \_\_\_ = 4$

What is the missing number?

$20 \div N = 10$

What is the value of N?

$\frac{N}{33} = 46$

$\frac{N}{11} = 12$

$10m = 50$

Name: _____

$13 - \frac{10}{11} - \frac{1}{8} =$

$17 + \frac{4}{11} - \frac{3}{7} =$

$14 - \frac{1}{4} + \frac{1}{6} =$

Write the reciprocal.

$\frac{13}{9}$

Write the reciprocal.

$\frac{11}{17}$

Write the reciprocal.

$\frac{8}{7}$

$\frac{1}{2} \times \frac{3}{8} =$

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

$3\frac{1}{9} \div 4\frac{2}{3} =$

Write the reciprocal.

$\frac{2}{1}$

Write the reciprocal.

$\frac{1}{2}$

Write the reciprocal.

$\frac{3}{22}$

Name: _____

30% of 250 =

$\frac{30}{100}$ x 250 = 0.30 x 250 =

$$\begin{array}{r} 0.30 \\ \times\ 250 \\ \hline \end{array}$$

26% of 750 =

$\frac{26}{100}$ x 750 = 0.26 x 750 =

$$\begin{array}{r} 0.26 \\ \times\ 750 \\ \hline \end{array}$$

70% of 340 =

$\frac{70}{100}$ x 340 = 0.70 x 340 =

$$\begin{array}{r} 0.70 \\ \times\ 340 \\ \hline \end{array}$$

60% of 180 =

$\frac{60}{100}$ x 180 = 0.60 x 180 =

$$\begin{array}{r} 0.60 \\ \times\ 180 \\ \hline \end{array}$$

52% of 75 =

15% of 80 =

Name: _____

Expand each expression.

3(k - 8)

3(8 + 9s)

3(8 - 7z)

Maria coded a program to see if 36r + 146 is equivalent to 2(18r + 74).

```
r = 4
equation1 = 36 * r + 146
equation2 = 2 * (18 * r + 74)
if equation1 == equation2:
  print ("They are equal.")
else:
  print ("They are not equivalent.")
```

When this program is run, what will be printed to the screen?

Anna coded a program to see if 34z + 108 is equivalent to 2(17z + 54).

```
z = 5
equation1 = 34 * z + 108
equation2 = 2 * (17 * z + 54)
if equation1 == equation2:
  print ("They are equal.")
else:
  print ("They are not equivalent.")
```

When this program is run, what will be printed to the screen?

Sarah has eight unused gift cards. Each gift card has the same amount of money on it. If each card has k dollars on it, how much money in gift cards does she have?

Name: _____

$$\begin{array}{r} 67 \\ \times\ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 223 \\ \times\ \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times\ 14 \\ \hline \end{array}$$

-9 x 10 =

-10 x -5 =

-4 + 3 =

Change $\frac{23}{100}$ to a decimal.

Change $\frac{18}{50}$ to a decimal.

$4\overline{)35.6}$

10y = 30

2n = 18

16n = 128

Write as a decimal.
Fifteen and two tenths

Write as a decimal.

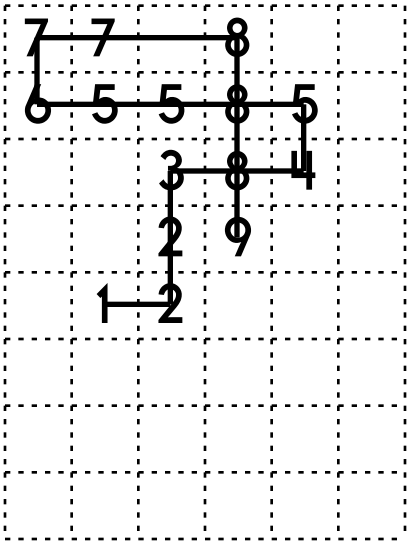
$\frac{6}{10}$

Write as a decimal.
Eight and nine tenths

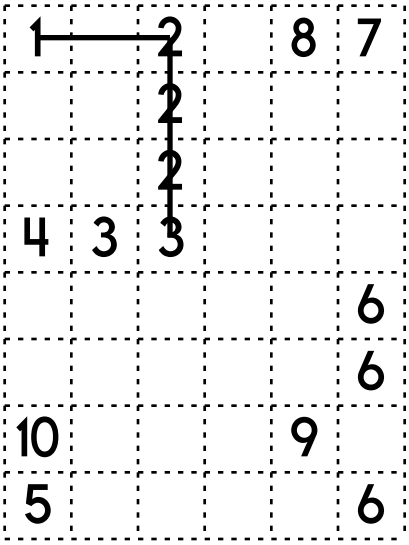
Name: _____

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.

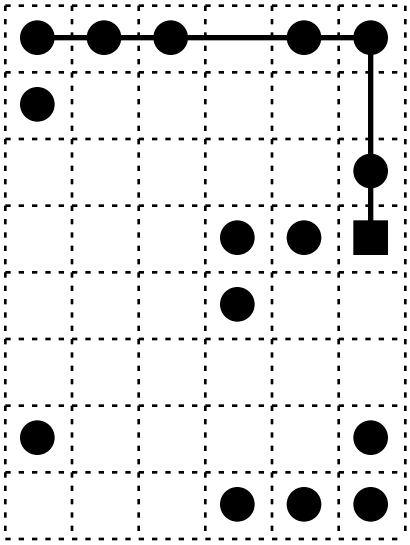
Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.



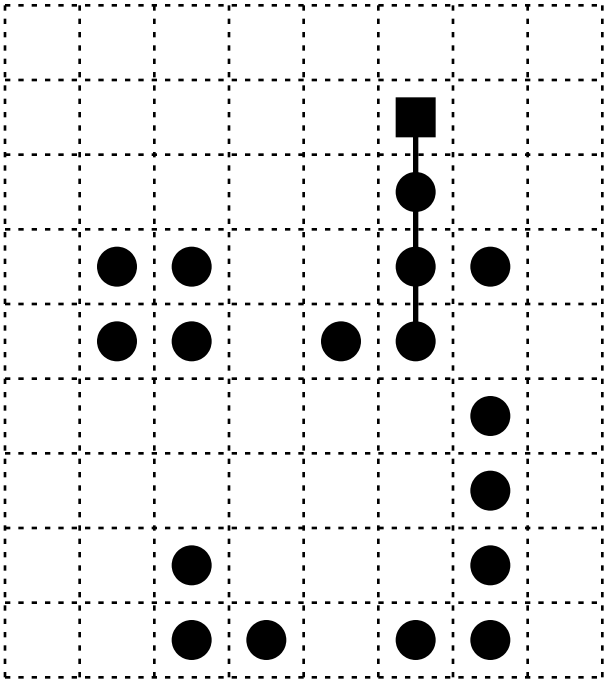
Draw exactly 9 lines.
Start on 1.
Do not pick up your pencil.



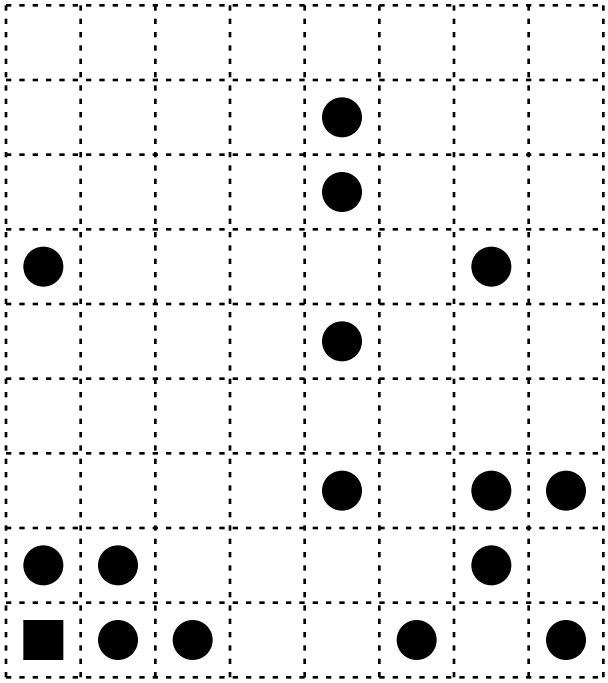
Draw exactly 8 lines.
Start on the square.
Do not pick up your pencil.



Draw exactly 7 lines.
Start on the square.
Do not pick up your pencil.



Draw exactly 9 lines.
Start on the square.
Do not pick up your pencil.



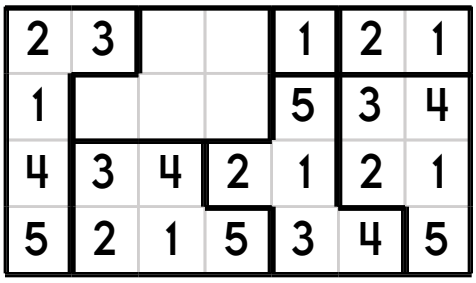
Name: _____

Fill in the missing numbers.

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

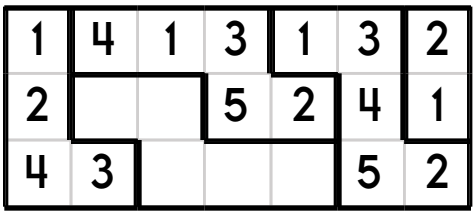
Dark lines surround a block. Numbers to use in a block:

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.



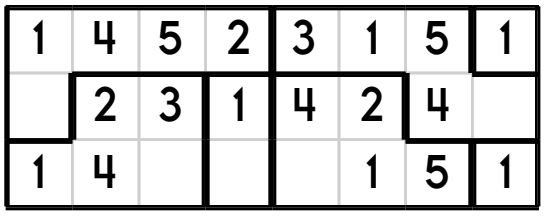
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

1 4 2 3 5



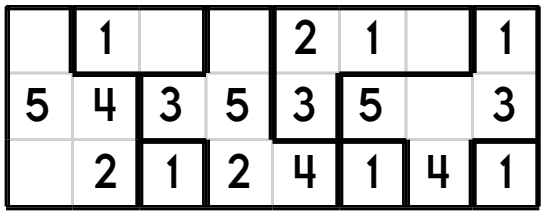
An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

3 4 1 5 2



Hint - These numbers are missing:

3 2 5 2 3



Hint - These numbers are missing:

4 2 1 2 1 3

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: | 5 | 9 |

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

94,114 + 59,382 = _____

35 ÷ 7 = _____

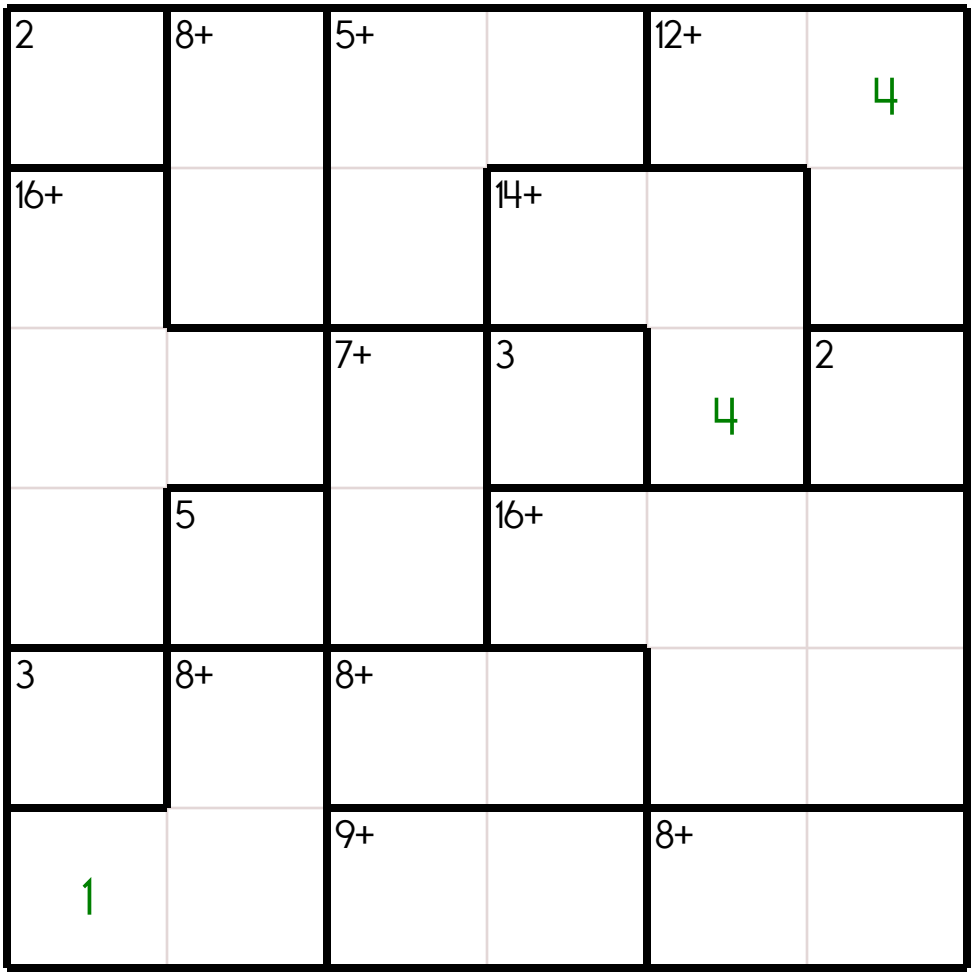
12 x 3 =

9 x 3 = _____

6 ÷ 3 = _____

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 plus sign, the given number will be the sum of all the digits in the cage.



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

____ + 4 + ____ = 12

____ + 5 = 9

____ + 2 = 8

____ + 6 = 8

5 + ____ = 7

____ + ____ + 4 = 14

____ + 2 = 8

____ + 1 + ____ = 8

6 + ____ + ____ + ____ + ____ = 16

____ + ____ + ____ + 1 = 16

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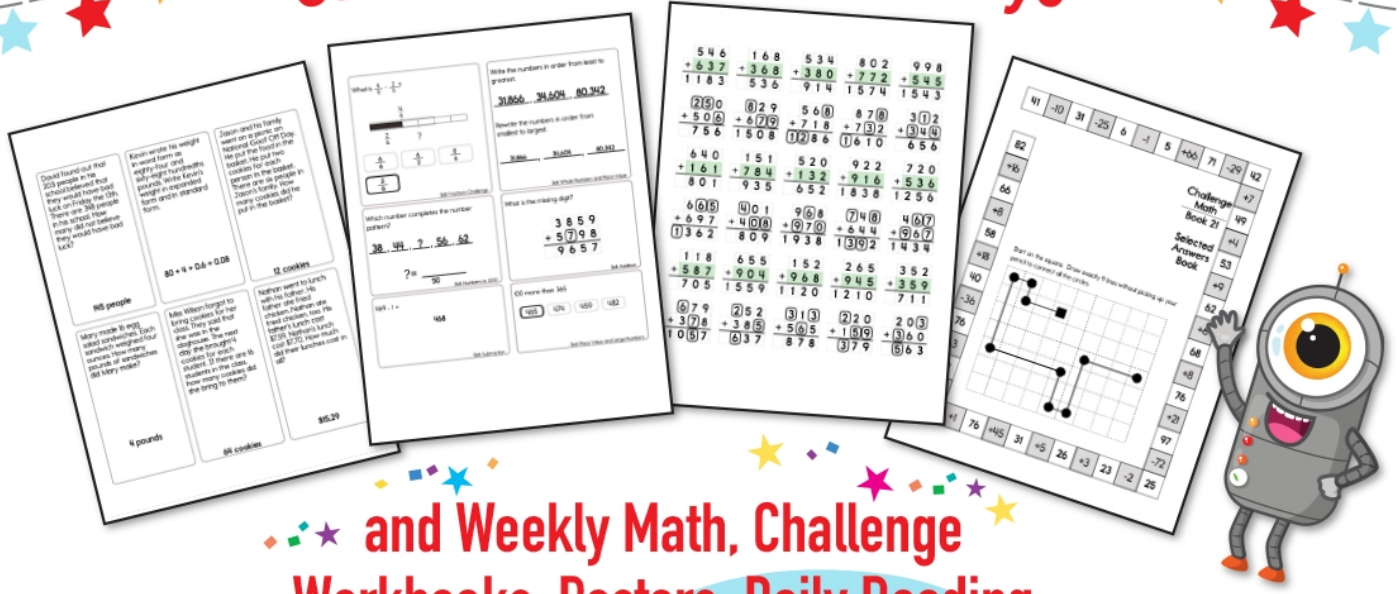

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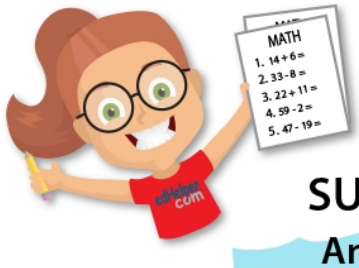

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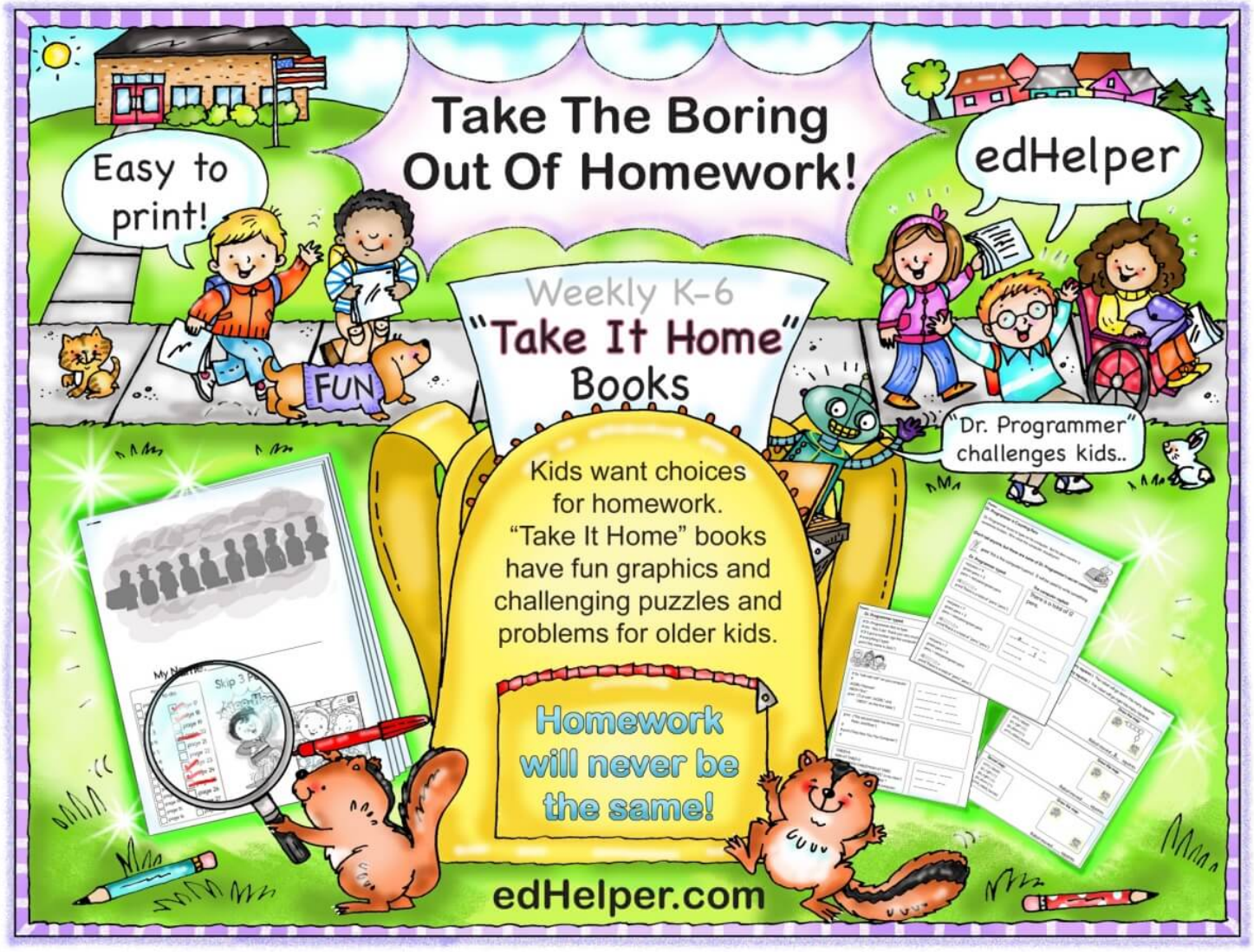
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