MathWorksheets.com
Week of July 20

Name: _____

Get a fidget spinner! Spin it.

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

2 + 99 ÷ 9 + 3 = _____

10 x 1 - 6 = _____

8 + 7 - 5 - 1 + 2 + 54 ÷ 9 = _____

12 + 10 x 4 = _____

5 x 1 x 1 x 3 = _____

(3 + 12) x 11 = _____

4 x 6 - 2 + 5 x (1 x 5) = _____

4 x 9 - 10 = _____

9 + 2 x 2 + 8 x 6 x 7 = _____

3 + 9 + 6 - 2 = _____

4 x 7 - 5 + 9 + 9 x 7 + 4 = _____

7 + 6 + 4 = _____

1 + (44 ÷ 11 x 7) + 9 - 3 x 9 = _____

10 x (3 x 8) = _____

6 x 5 + 8 x 2 = _____

3 + 11 + 3 = _____

8 x 9 + 15 ÷ 3 - 2 = _____

11 - 2 + 8 = _____

2 + 90 ÷ 10 x 6 + 7 = _____

(1 + 10) + 6 = _____

1 x 6 x 1 x 2 - 3 - 5 - 4 = _____

4 + 8 + 2 = _____

2 x (9 - 4) + 9 - 9 + 4 = _____

7 x 6 + 4 = _____

5 x 1 - 1 - 4 + 7 x 6 = _____

1 x 5 x 4 = _____

1 + 30 ÷ 10 x 4 x 9 - 4 = _____

Name: _____

I am a whole number. When rounded to the nearest ten, the answer is 230. The sum of my digits is 6. What number am I?

In 9 years, Jenna will be two-fourths of Sara's age. Right now the sum of the ages of Sara and Jenna is 48 years. How old is Sara now?

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

2 . 7 9

Write the closest number that you can to 7.8. Remember to use all the digits and the decimal point.

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

+	67	62	15
	64	98	78
	80	27	13
	69	60	86

Find an addition fact.

B

+	93	27	43
	29	54	79
	60	23	18
	9	26	82

Find an addition fact.

C

+	84	52	39
	77	95	40
	60	68	65
	71	93	37

Find an addition fact.

Equations:

Write the equation facts you found.

A	67	+	13	=	80
B		+		=	27
C		+		=	77

How many centimeters in 7.5 meters?

(32) , (16) , (8) , _____, (2) , (1) , $\frac{1}{2}$, $\frac{1}{4}$

C, F, I, L, O, _____, U, X

Round 13,407 to the nearest thousand.

It was 5 degrees below zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

W, N, T, M, Q, L, N, _____, K, J

Name: _____

Nathan purchased 2 pairs of tap shoes for $64.65 each. The computer multiplied the total by 1.05 to find the total cost including tax. What change did he get from $200?	Two-thirds of the students in the fourth grade at Geneva Elementary don't know the fable "Androcles and the Lion." If 120 students in the fourth grade don't know about "Androcles and the Lion", how many students are in the fourth grade at Geneva Elementary?	Wendy bought purple, green, and gold streamers to put all the way around the librarian's desk on Mardi Gras Day. The desk is in the shape of a triangle with sides of 5m, 3m, and 5m. The streamers cost $0.39 per meter. What will it cost to buy enough to wrap around the desk 3 times?

Can 548 be evenly divided by 4? Circle:
548 is NOT evenly divisible by 4
548 is evenly divisible by 4

$$\begin{array}{r} 27 \\ +\ 31 \\ \hline \end{array}$$

5 x 12 = _____

$$\begin{array}{r} 910 \\ -\ 320 \\ \hline \end{array}$$

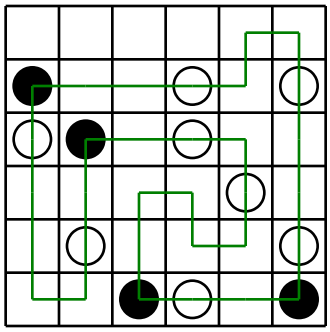
Rewrite these in increasing order of length:

54 km, 8 cm, 542 dm, 842 m, 130 mm

$$\begin{array}{r} 70 \\ -\ 30 \\ \hline \end{array}$$

6 x 4 =

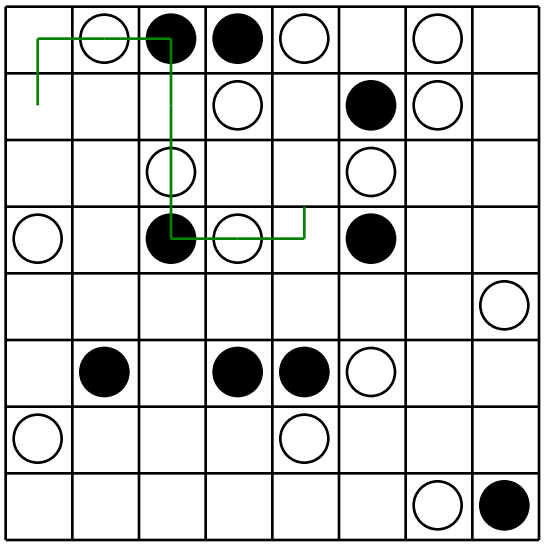
Name: _____



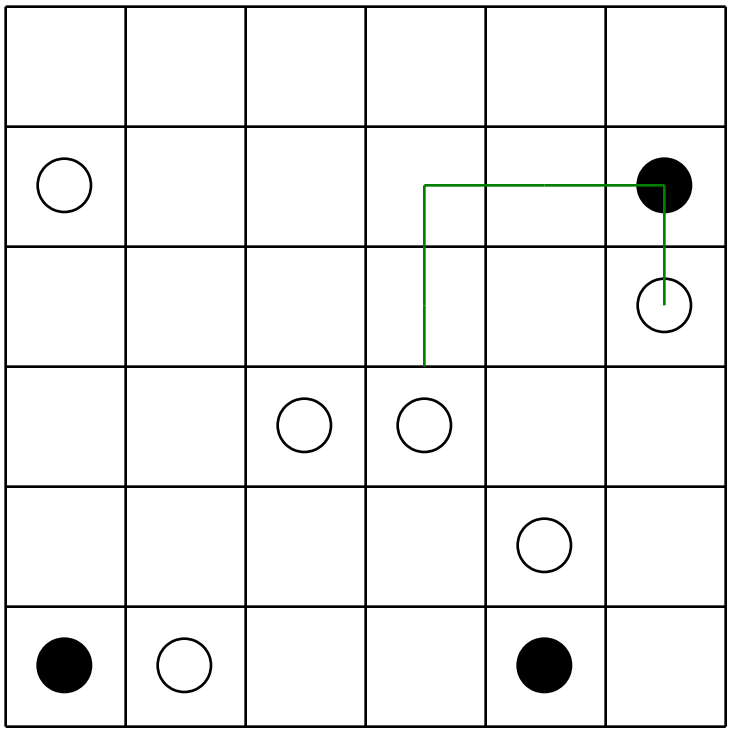
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



12 cm = _____ mm

36 ÷ 4 = _____

24 ÷ 6 =

$$\begin{array}{r} 225 \\ +\ 442 \\ \hline \end{array}$$

558 + 292 = _____

8 x 4 =

1 km = 1,000 m

13 km = _____ m

How many ounces are in 2 pounds?

_____ ounces

56 ÷ 7 = _____

60 ÷ 10 =

Name: _____

22,225 + 62,319 = _____

9,833 - 2,581 = _____

Can 830 be evenly divided by 10? Circle:
830 is evenly divisible by 10
830 is NOT evenly divisible by 10

Circle the smallest number:
249,307
419,208,536,728
104,975,368
51,695

Emily told Mary that she multiplied two consecutive whole numbers and the answer is 111. Mary doesn't believe that is possible. She thinks Mary must have multiplied wrong. Who is correct?

20 ÷ 10 = _____

Justin has two pennies, four nickels, and one quarter. He also has one other coin that is different from the rest of his coins. How much could he have?

4 x 7 =

42 ÷ 6 = _____

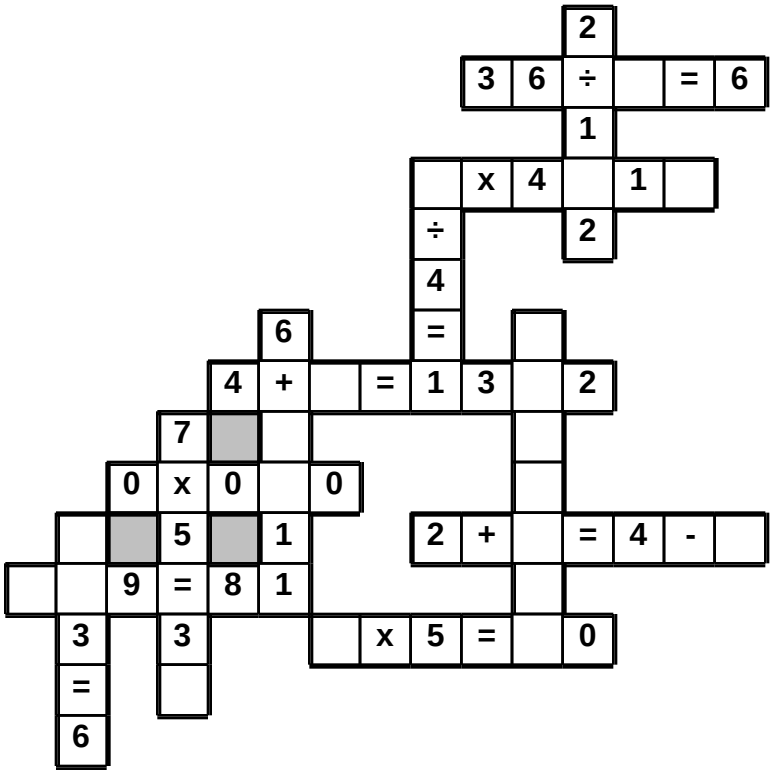
Circle the greatest number:
13,824,036 8,473,162 50,909
547,826

3 x 12 = _____

Name: _____

6 • 4 • = • 6 • 7 • 7 • - • 5 • 5 • = • = • 2 • 1 • 1 • 9 • x + • 2 • 1 • 5

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



6,141 + 9,997 = _____

You can buy 4 toys for $12 at the store. At this rate, what would be the cost of twelve toys?

18 ÷ 2 = _____

What time is 16 hours after 4:00 a.m.?

_____

14 ÷ 2 = _____

For 1,247,580,467,706, write the digit that is in the ten thousands place.

_____

11 x 7 = _____

60 ÷ 10 =

word root **ami** can mean **friend** **amigo, amicable**

Name: _____

Megan, Mackenzie, Samantha, and Grace competed in the women's singles figure skating competition.

Each person has been assigned a technical and presentation ordinal mark. A mark of 1.0 indicated that the person was placed in first place. To determine the winner, the two marks from each judge are added together and assigned an ordinal. In case of a tie, the technical mark has more weight. If there is still a tie, we will allow both people to share the same rank. (Please note that these calculations are simplified from the actual Olympics.)

For the technical ordinal score, the judges give the best performance an ordinal of one. The next best performance receives an ordinal of two, and so on. The presentation ordinal score is assigned in the same way. So for four people, a person could have a presentation ordinal score ranging from 1 to 4.

(When ordinals are compared, a higher ordinal score actually means a lower number. For example an ordinal of 1 is better, and considered higher than an ordinal of 3.)
Figure out the scores for each skater and their final rankings.

1. One skater received a 2 presentation ordinal and a 1 technical ordinal.
2. Megan had the best technical ordinal score.
3. Grace's technical ordinal score was lower than Samantha's and lower than Mackenzie's.
4. Grace did not have a presentation ordinal mark of 4.
5. Samantha's technical ordinal score was higher than Mackenzie's technical ordinal score.
6. Grace's technical ordinal is lower than her presentation ordinal.
7. Mackenzie's technical ordinal is higher than her presentation ordinal.
8. One skater received a 2 technical ordinal and a 3 presentation ordinal.

Megan received a score of _____. Megan came in _____ place.

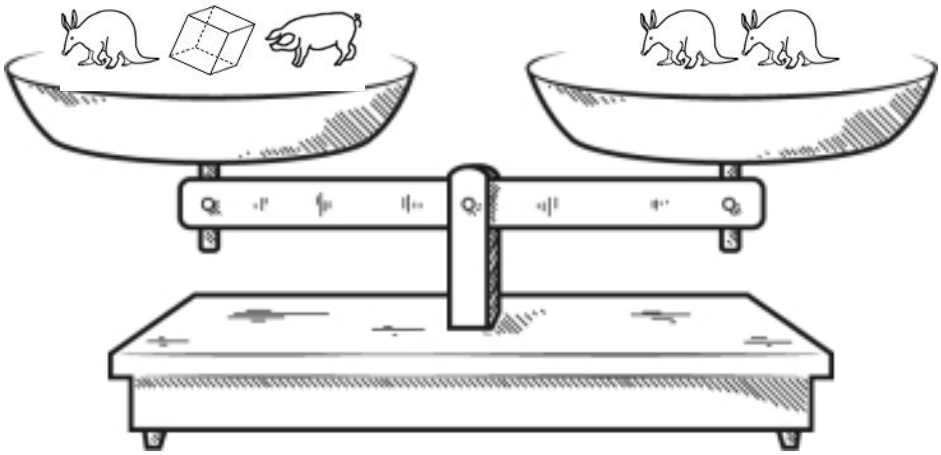
Mackenzie received a score of _____. Mackenzie came in _____ place.

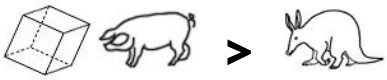
Samantha received a score of _____. Samantha came in _____ place.

Grace received a score of _____. Grace came in _____ place.

word root **gress** can mean **step** **digression, regress, regression**

Name: _____

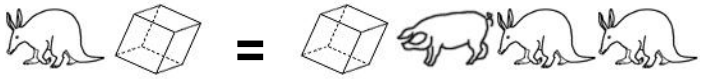


 ☐ True ☐ False

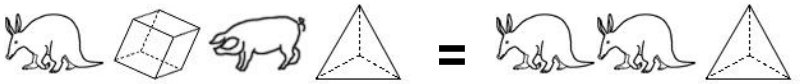
☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

 ☐ True ☐ False

☐ True ☐ False

 ☐ True ☐ False

☐ True ☐ False

Did you find that three are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **re** can mean **back or again** **receptive, reconstruct, rejuvenate**

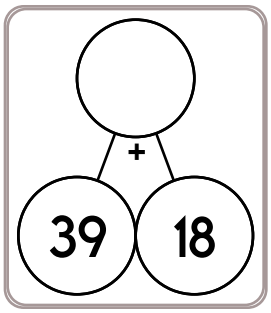
Name: _____

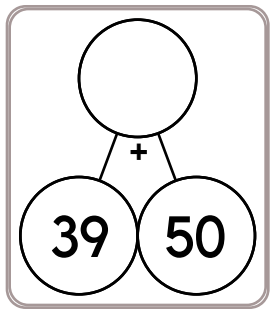
18 = 2 x 9	20 = 4 x ___	18 = ___ x 9	20 = ___ x 5
21 = 3 x ___	72 = ___ x 9	21 = 3 x ___	12 = 3 x ___

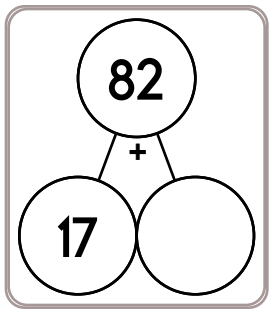
28 ÷ 4 =	8 ÷ 2 =	10 ÷ 2 =
81 ÷ 9 =	28 ÷ 7 =	72 ÷ 8 =
36 ÷ 4 =	42 ÷ 7 =	12 ÷ 6 =
21 ÷ 7 =	21 ÷ 3 =	8 ÷ 4 =

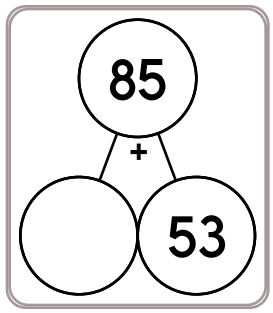
___ ÷ 4 = 5	70 ÷ ___ = 10	___ ÷ 6 = 6
121 ÷ ___ = 11	40 ÷ ___ = 5	___ ÷ 2 = 4
___ ÷ 3 = 11	36 ÷ ___ = 12	___ ÷ 10 = 6
22 ÷ ___ = 11	___ ÷ 7 = 5	44 ÷ ___ = 4

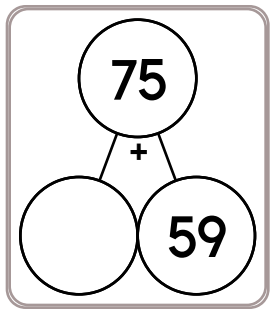
Name: _____

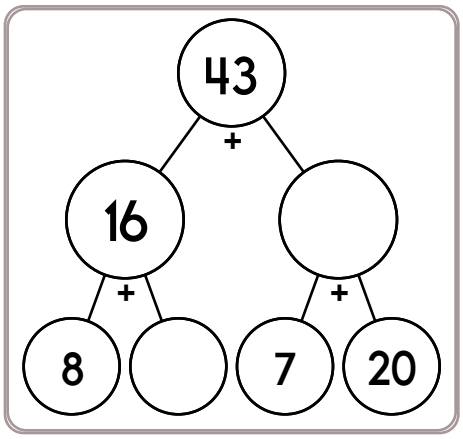


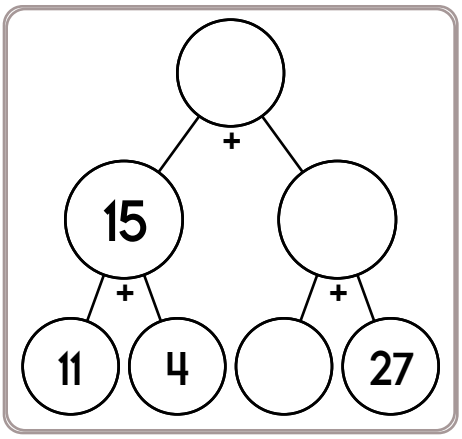


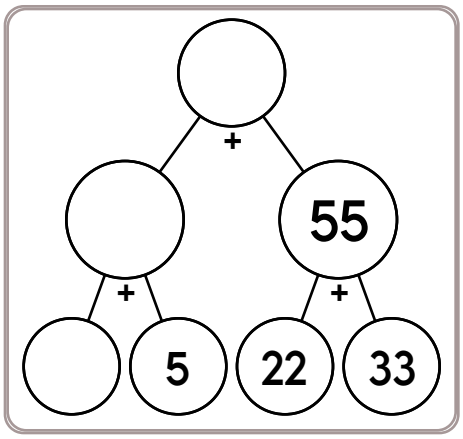


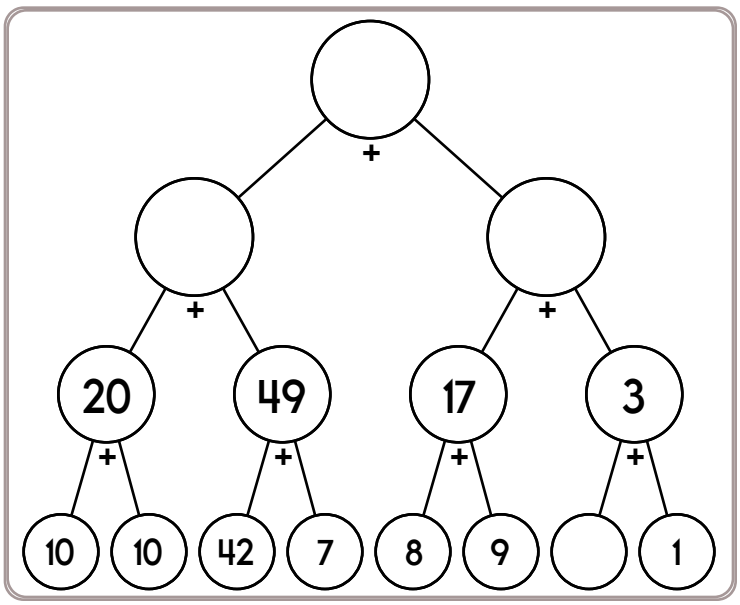


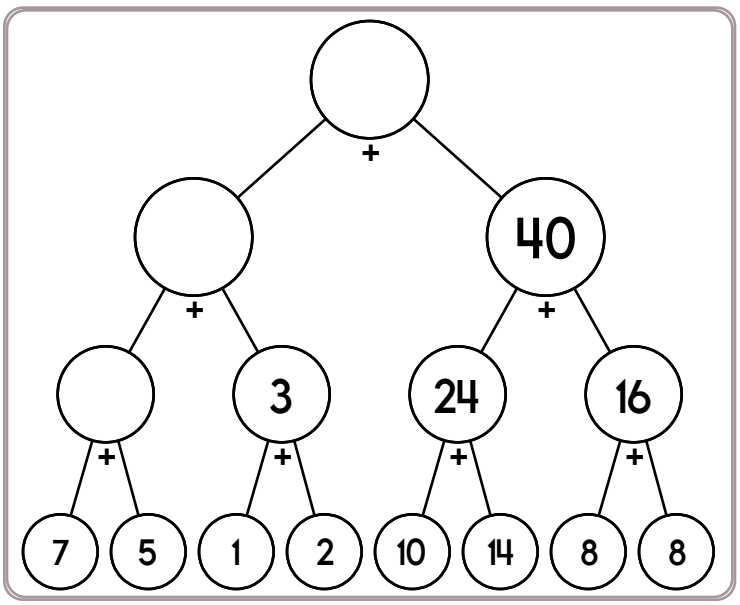












Write the ratio as a fraction in lowest terms.
9 to 5

Find 57% of 354.

Change to a percent.

$\frac{9}{100}$

word root **polis** can mean **city or civic** **police, political**

Name: _____

67, 82, 97, 112, 127,

_____, 157, 172

What is the value of z?

$8z + 16 - 6z = -5$

$23 - t + 6 = 18$

What is the value of t?

$|-14| - a = 6$

$a =$

$(0.8)(0.15)$

Rewrite $\frac{12}{25}$ as a decimal.

$0.3\ (0.4\ (0.3 + 8)) =$

If $5x = 90$, then $x =$

$(5 + 18) + 3 = 2(v + 7)$

What is the value of v?

A circle graph has four sections. Only three sections are labeled. The labels are 29%, 28%, and 17%. What should the missing section be?

Crazy Kevin had pizza 20 days in the month of May. What percent of the month did he have pizza?

A circle graph has five sections. Only four sections are labeled. The labels are 25%, 19%, 19%, and 10%. What should the missing section be?

Name: _____

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

55% of 40	70% of 190	64% of 100	72% of 150
95% of 140	88% of 25	58% of 100	100% of 64
25% of 92	85% of 80	54% of 200	15% of 180
68% of 100	92% of 25	50% of 116	27% of 100

Simplify.

$\frac{28}{35}$ =

5 x (66 ÷ 6) - 72 ÷ 12 =

Rewrite in scientific notation.

9,602,000,000

0.1 (0.5 (0.1 x 6)) =

Simplify.

$\frac{8{,}800}{22{,}000}$ =

$8 \times 8 = x^2$

What is the value of x?

If

100,000

$= 10^x$, then what is the value of x?

The letter p is used to represent power points in a game, which can range from 393 to 1,063 points. Express this as an inequality.

|56| x [-37| =

Name: _____

Find 2 equations hidden in each box. Good luck!

32 1 + 1 7 x 9 16

2 x 7 0

27 5

4 x 1

1 x 5 81 9 + 6

9 x 3 18 3

Write 2 equations: _____ _____

9 + 9 4 + 8 54

3 45

6 x 4 6 + 8 63

9 14 36 9 x 6

1 + 6 48

Write 2 equations: _____ _____

13 16 8 x 6 35

3

8 x 3 1 x 4

24

6 + 7 20

7 x 8 2 x 4 6 + 3

Write 2 equations: _____ _____

Name: _____

Find 2 equations hidden in each box. Good luck!

6 x 9
14
10
9 + 9
4 + 6
64
7 x 6
8
4
36
2 x 7
1
7 x 7
12

Write 2 equations: _____ _____

12
40
3 x 5
2
63
15
42
7 x 7
9 x 2
8 x 5
7 x 5
5 x 2
1 + 2
25
8 x 6
2 x 4

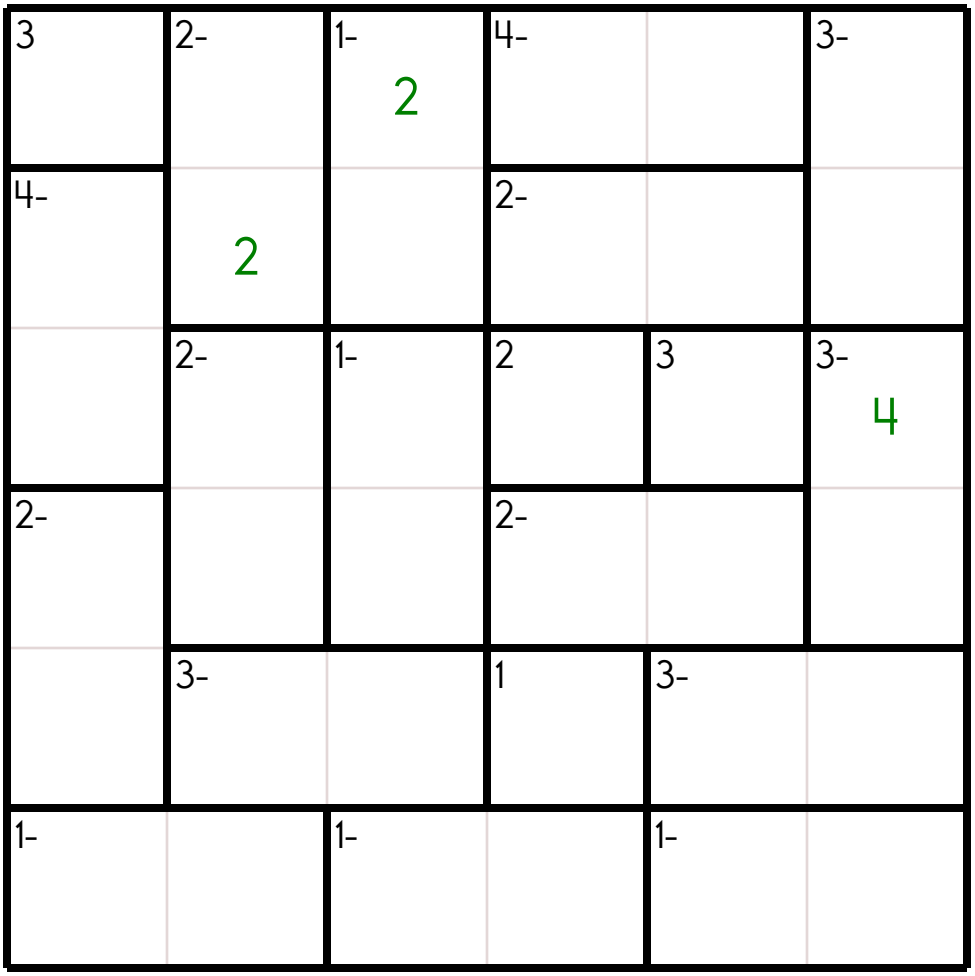
Write 2 equations: _____ _____

7 x 2
1 x 2
30
7 x 4
7 + 8
1 + 5
16
8 x 8
12
3
64
7
5 x 4
48
9 x 9
2 x 8
4

Write 2 equations: _____ _____

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 = 1

____ - 2 = 2

____ - 2 = 3

5 - ____ = 2

____ - 1 = 1

6 - ____ = 2

5 - ____ = 4

4 - ____ = 3

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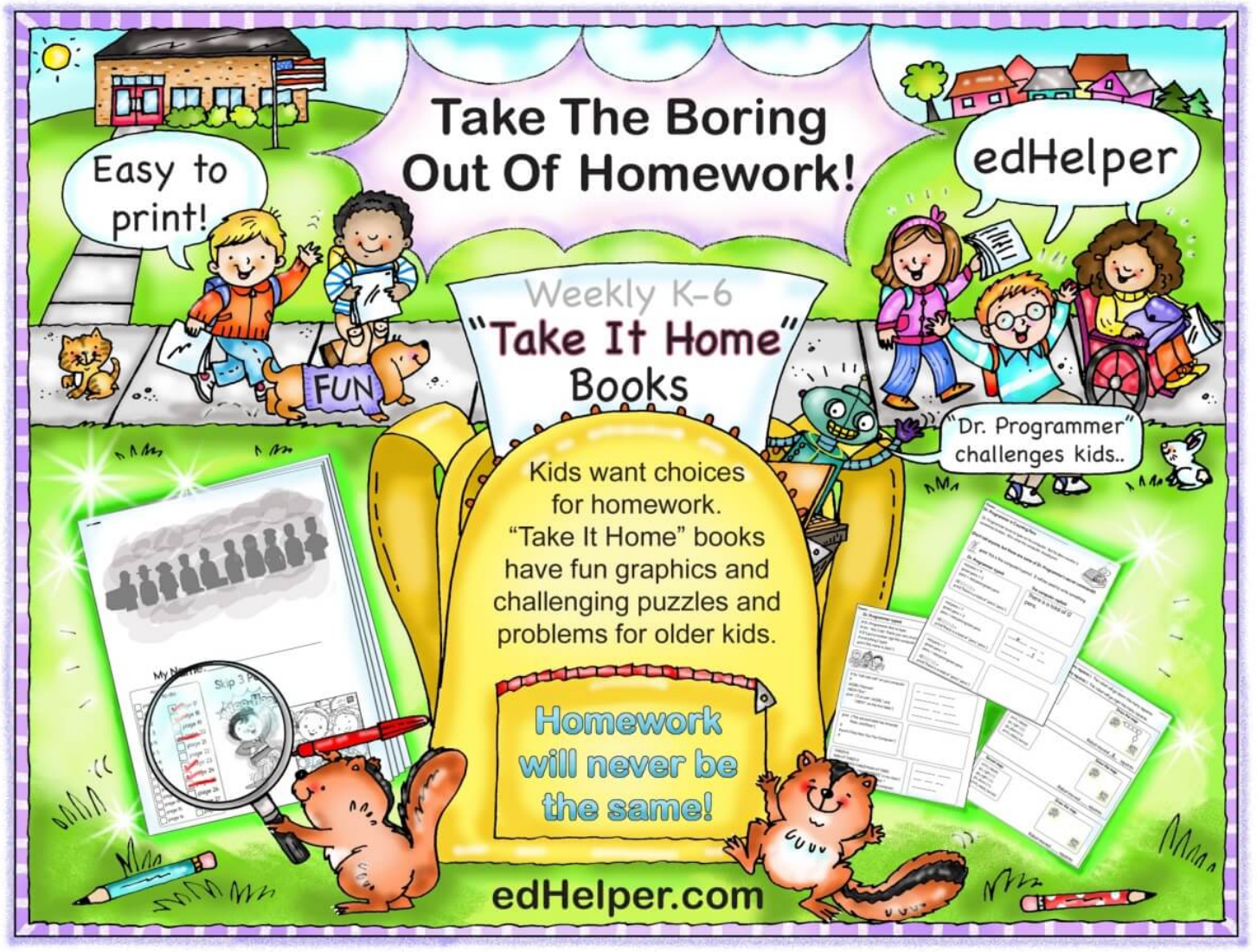
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