Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Make $12.33 any way you want!

Make $25.24 any way you want!

Make $42.57 any way you want!

Make $33.12 any way you want!

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

42 ÷ 6 = _____

11 x 8 = _____

9 kg = _____ g

Name: _____

Subtract 376 from 862.

$$\begin{array}{r} 323,941 \\ -\quad 2,558 \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ -\ 331 \\ \hline \end{array}$$

$47 - \frac{9}{11} =$

Write the reciprocal.
8

Write the reciprocal.

$\frac{12}{17}$

Change 16% to a decimal.

Find 5% of 72.

Change 0.47 to a percent.

Change to percents.

$\frac{16}{100} =$
$\frac{36}{100} =$
$\frac{2}{10} =$
$\frac{61}{100} =$
$\frac{80}{100} =$
$\frac{4}{10} =$

Change to percents.

.5 =
.39 =
.04 =
.98 =
.86 =
.48 =
.67 =
.19 =
.60 =

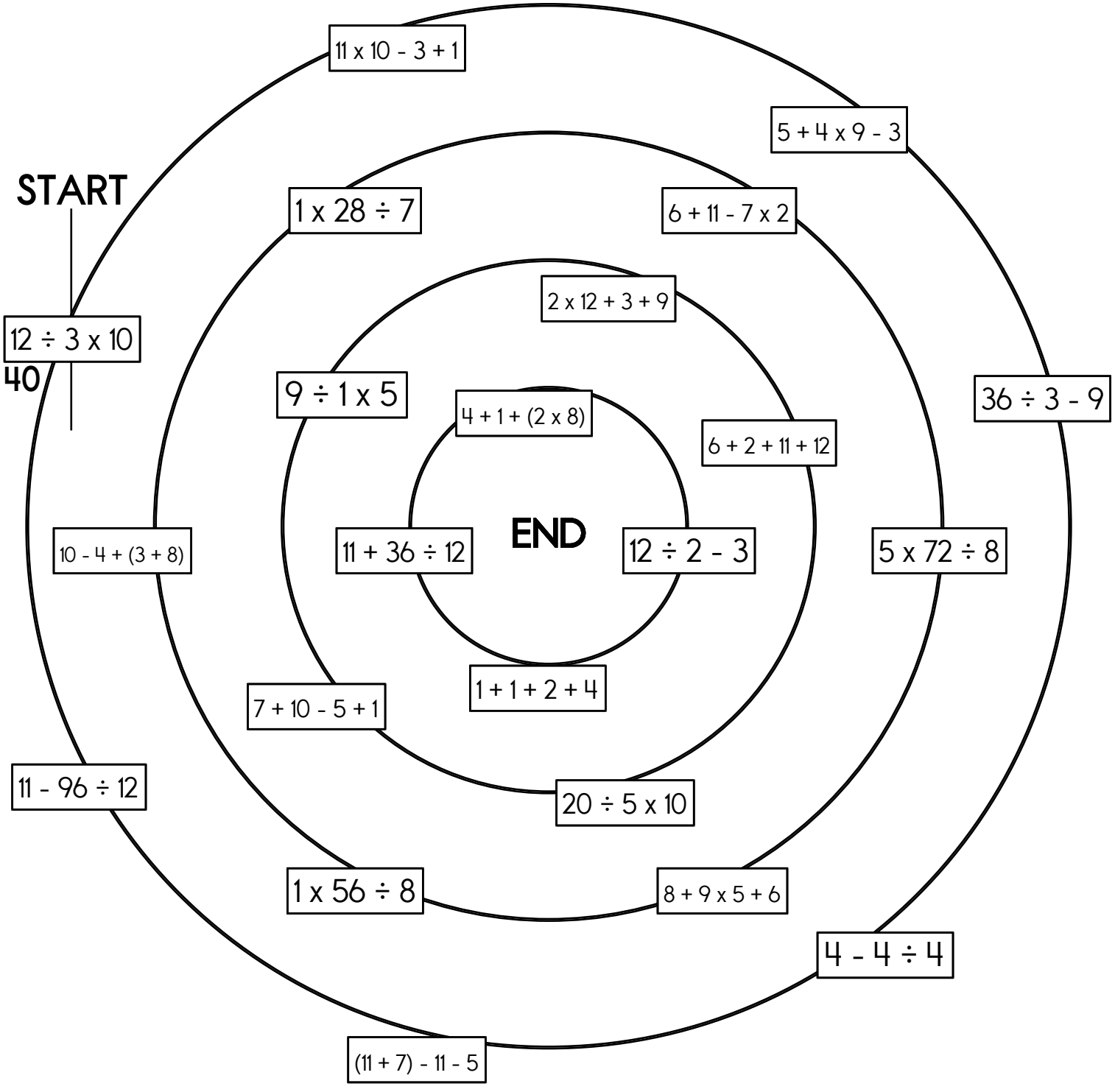
96 is what percent of 200?

Name: _____

Draw a line from START to END.

4 14 ~~40~~ 45

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



Name: _____

A class grew 40 carrots in sand and 40 in clay. After 6 weeks of growth they compared the plants to see which soil condition allowed the most root growth. The 40 from the sand had a total mass of 22.6 g and the 38 from the clay (2 died) had a mass of 17.1 g. What was the average root mass per plant from each of the experimental groups? Round your answer to the nearest thousandth of a gram.

Connor and Peter had been friends for almost 6 years. Now there was friction between them. There had been some verbal exchanges, but they had not gotten physical yet. The argument was over who should get the last piece of the cake Holly made for her birthday party. When Holly made the cake, she used a ratio of two-thirds of a cup of sugar to every two and one-fifth cups of flour. If she used fifteen and two-fifths cups of flour, how many cups of sugar did she use?

What is 5% of 49?

Write as a decimal.
Three and two hundredths

Write as a decimal.

$11\frac{8}{10}$

Write as a decimal.

$4\frac{3}{100}$

word root **ab** can mean **away** **abnormal, abrupt**

Name: _____

Write each as a decimal.

12% as a decimal is _____

98.3% as a decimal is _____

$2\frac{6}{10}$ as a decimal is _____

4 hundredths as a decimal is _____

It was 70 degrees outside. What would the temperature be if it got 17 degrees colder?

I, _____, J, H, K, I, L, J, M, K

11, 13, 15, 17, 19, 21, 23, _____, 27

Circle the three numbers whose product equals 3,036.

8 11 6

15 22 19

22 18 23

Circle the three numbers whose product equals 441.

10 8 7

7 9 10

47, 55, 63, _____, 79, 87

Name: _____

Write as a fraction in simplest form.

$\frac{3}{4} + \frac{1}{6} + \frac{2}{3} =$ _____

$\frac{2}{3} + \frac{3}{4} + \frac{1}{8} =$ _____

$\frac{1}{2} + \frac{5}{6} + \frac{8}{15} =$ _____

Round 68,379 to the nearest hundred.

3 ÷ 1 - 2

35 divided by 5 equals

Round 16,406 to the nearest thousand.

What 6 coins add up to 75 cents?

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

How many feet are in 48 inches?

_____ feet

7 x 10 =

88 ÷ 11 =

Name: _____

Circle the addition property for 35 + 86 = 86 + 35.

associative property

commutative property

Which is the better buy? Seven bags of candy for $56 or three bags of candy for $27?

$$\begin{array}{r} 848 \\ -\ 203 \\ \hline \end{array}$$

Rewrite these in increasing order of length:

1 mm, 223 cm, 511 m, 26 dm, 610 km

35 ÷ 7 = _____

$$\begin{array}{r} 77 \\ -\ 35 \\ \hline \end{array}$$

What time is 17 hours after 4:00 p.m.?

_____

Erin went to a restaurant. Her bill was $27. She wanted to give the food server a 15% tip. The tip came to $4.05.
Today her family went out. The bill was $54. If her family wants to give the same 15% tip, how much will the tip be?

662 - 571 = _____

$$\begin{array}{r} 30 \\ +\ 33 \\ \hline \end{array}$$

1 lb = 16 oz

19 lb = _____ oz

12 x 2 = _____

$$\begin{array}{r} 387 \\ +\ 206 \\ \hline \end{array}$$

For 8,282,735,379,114, write the digit that is in the ten thousands place.

_____

Name: _____

49,274 - 24,383 = _____

10 x 11 =

Write the numbers 60 to 75 on a sheet of paper.
How many of these numbers are divisible by 2?

_____

(8 + 7) + 5 =

What number is halfway between 16 and 35?

Can 908 be evenly divided by 7? Circle:
908 is evenly divisible by 7
908 is NOT evenly divisible by 7

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 1, 4, 2, and 3. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

20 ÷ 5 =

Write an equation to represent this:

The sum of ten and four is fourteen.

_____

6 ÷ 2 = _____

12 x 9 = _____

6 x 2 = _____

56 ÷ 7 = _____

Write 25,259 in words.

_____

10 x 11 = _____

9 x 4 = _____

Name: _____

3 x 11 =

45 ÷ 5 = _____

Write the missing family fact.

112 - 38 = 74
112 - 74 = 38
38 + 74 = 112

_____

Sarah and her little sister, Megan, both have birthdays on the same day. Sarah is twelve years old. Megan is nine years old. Did you know that Sarah was once double the age of Megan? How many years ago was that?

2 x 4 = _____

3 x 9 = _____

Circle the greatest number:

9,823,645
5,182,673,094
324,761,508
71,024,037

6,296 - 4,446 = _____

Three girls ran a race.
Amy ran past Emily in the race and Emily never caught up.
Sarah was not as fast as Amy.
Who won the race? Do you have enough information to know?

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

eight hundred ten thousand, five hundred ninety-five

_____

120 ÷ 10 = _____

21,624 + 53,534 = _____

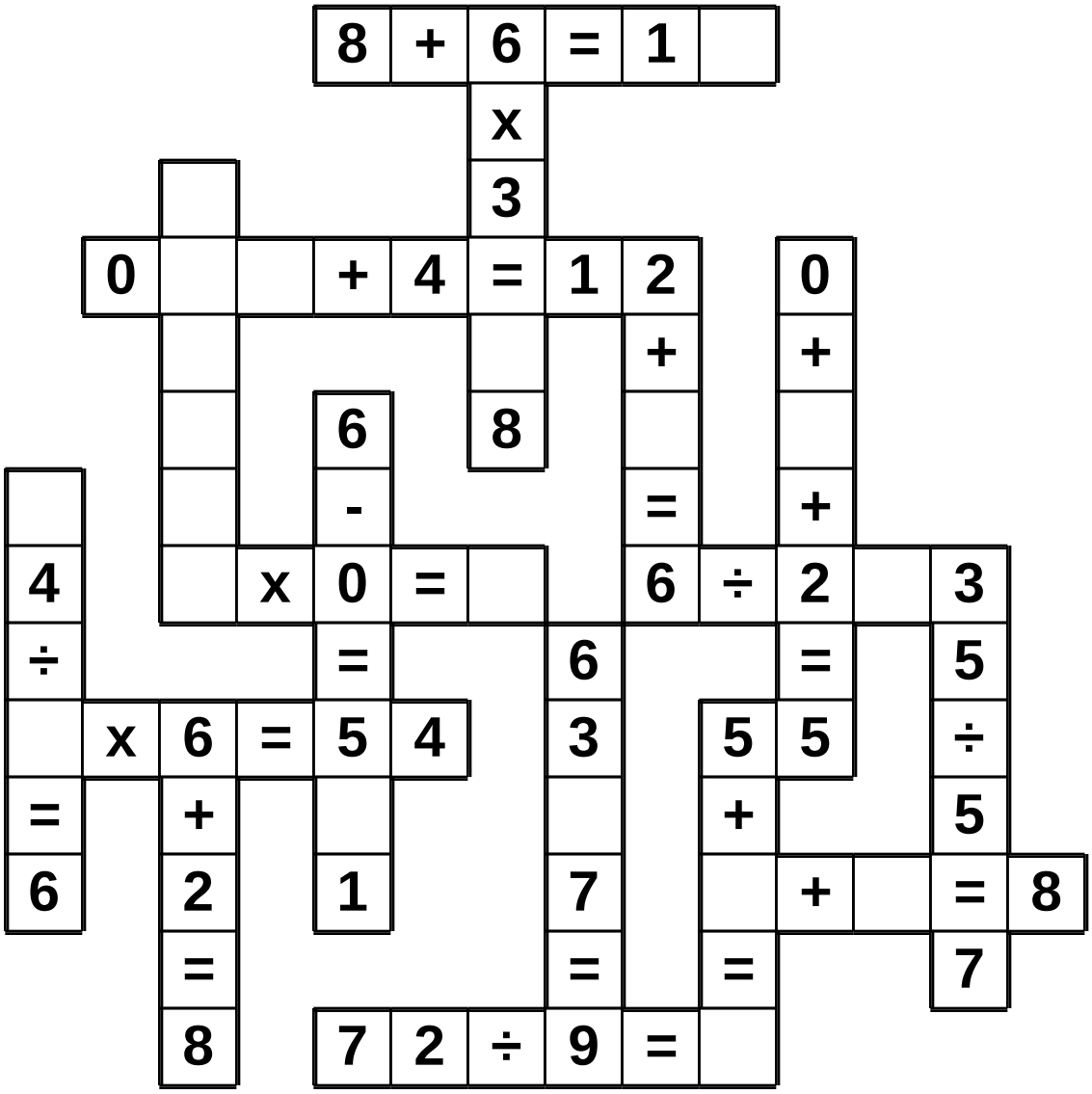
18 ÷ 2 = _____

17,778 + 64,464 = _____

Name: _____

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

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



748 - 383 = _____

Circle the smallest number:

96,820 351,476,942,073

1,586,432,175 9,085,431

68,644 + 14,672 = _____

77 ÷ 7 = _____

Name: _____

Brian, Stephanie, Kylie, and Kyle each went on vacation with their father (Matthew, John, Michael, and Ethan). They each traveled to a different country (Chile, Korea, Belgium, and Brazil).

Figure out each person's father and the country they visited.

1. Kylie did not go to Belgium.
2. Stephanie went to either Belgium or Chile.
3. Kylie's trip was to a different continent than Michael's trip.
4. Brian went to either Asia or Europe.
5. Matthew and Ethan went on vacation to the same continent.
6. Before the vacation, Brian and Kylie saw Kyle's dad, Matthew, at the mall.
7. Before the vacation, Kyle and Brian saw Kylie's dad, Ethan, at the mall.
8. Brian did not go to Belgium.
9. Stephanie went to either Europe or Asia.
10. Matthew went to either South America or Asia.
11. Michael went to either Korea or Brazil.
12. Kylie did not go to Brazil.
13. Kyle's trip was to a different continent than John's trip.
14. John went to either Belgium or Korea.
15. Kyle did not go to Korea.
16. John went to either Europe or Asia.

Brian's father's name is _____. They went on vacation to _____.

Stephanie's father's name is _____. They went on vacation to _____.

Kylie's father's name is _____. They went on vacation to _____.

Kyle's father's name is _____. They went on vacation to _____.

Name: _____

Cross off the number that does NOT belong.

$17\frac{1}{2}$, 19, $21\frac{1}{2}$, 23, $25\frac{1}{2}$, 27, 28^^, $29\frac{1}{2}$,

31, $33\frac{1}{2}$, 35, $37\frac{1}{2}$, 39, $41\frac{1}{2}$, 43

Add $1\frac{1}{2}$, then add

$2\frac{3}{6}$; Repeat.

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

12, 9, 3, 24, 36, 63, 123, 222, 264, 408, 753, 1383, 2544, 4680, 8607

Why does _____ not belong in the pattern?

Name: _____

Jessica is three years older than Jack. If Jack is z years old, then how old is Jessica?

Find the sum of their ages in terms of z.

Factor each expression.

6r + 18

3z - 36

21s + 67 - 14s - 11

10y + 54 - 6y - 18

Expand and simplify.

14 + 1(20 + 4m) + 6m - 21

9(7k + 13) + 7(7 + 3k)

5(4z + 2) + 3(+ 1z)

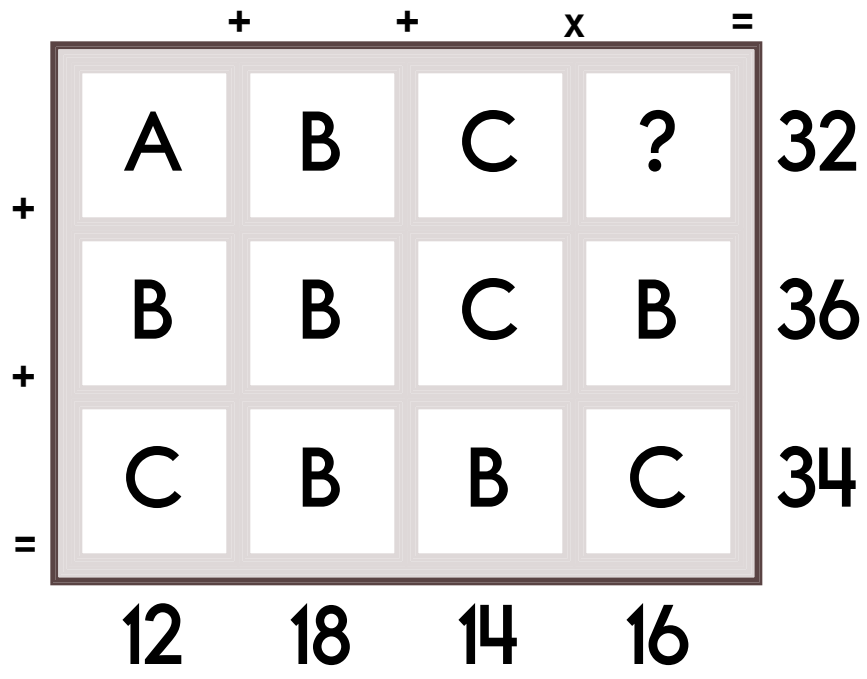
Megan has four unused gift cards. Each gift card has the same amount of money on it. If each card has m dollars on it, how much money in gift cards does she have?

Name: _____

X	9	8				10
12	12 x 9	12 x 8	120 12 x ___	12 x ___	12 x ___	120 12 x 10
5	45 5 x 9	40 5 x 8	50 5 x ___	5 x ___	50 5 x ___	5 x 10
	___ x 9	64 ___ x 8	___ x ___	___ x ___	___ x ___	___ x 10
10	10 x 9	80 10 x 8	100 10 x ___	10 x ___	10 x ___	10 x 10
	___ x 9	___ x 8	___ x ___	66 ___ x ___	110 ___ x ___	___ x 10
	99 ___ x 9	___ x 8	___ x ___	___ x ___	___ x ___	___ x 10
	___ x 9	48 ___ x 8	___ x ___	___ x ___	___ x ___	___ x 10
4	4 x 9	4 x 8	4 x ___	24 4 x ___	4 x ___	40 4 x 10

Two toys cost $8. At that rate, what is the cost of 8 toys?	10 x 12 = _____	40 ÷ 8 = _____

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

B + B + C x B = 36 B + B + __ = 18

__ + __ + __ = 12 __ + __ + __ x __ = 34

__ + __ + __ = 14

Additional hints:

A < 4 B = A + 4

Solve:

? = __

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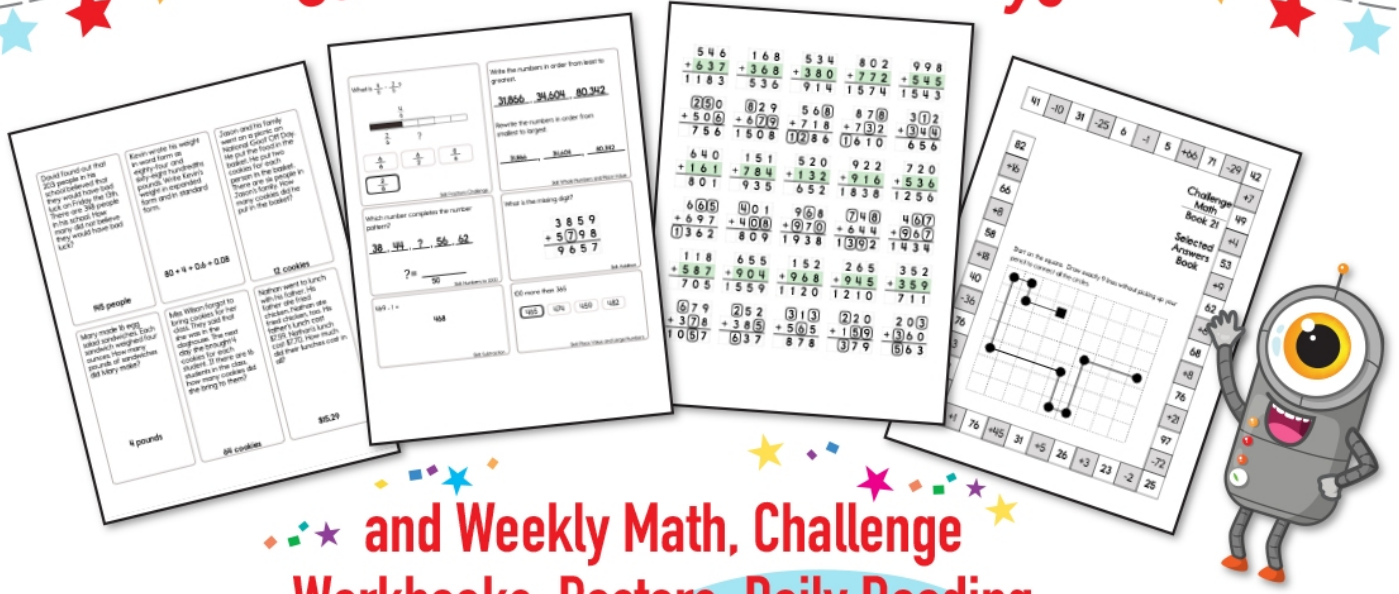

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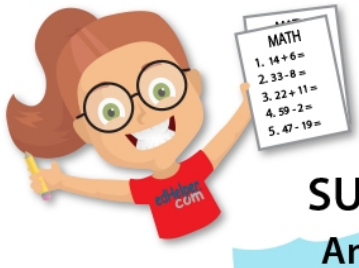

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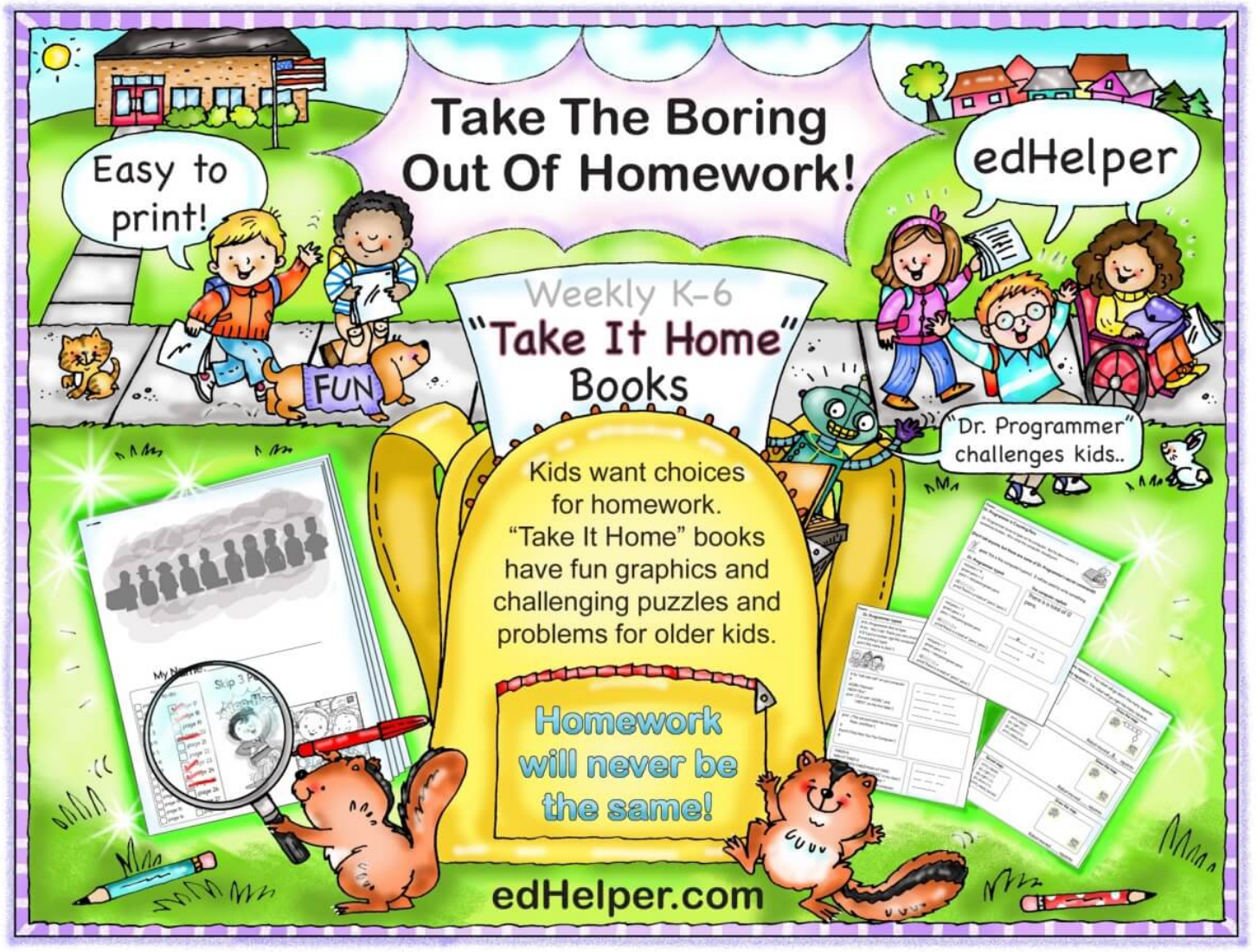
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