Name: _____

$$\begin{array}{r} 11,407 \\ -\ 9,738 \\ \hline \end{array}$$

$$\begin{array}{r} 366 \\ +\ 74 \\ \hline \end{array}$$

Find the difference between 2274 and 776.

$$\begin{array}{r} 7,298 \\ -\ 1,440 \\ \hline \end{array}$$

262 - 2966 =

$$\begin{array}{r} 3,373 \\ -\ 1,760 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times\ 6 \\ \hline \end{array}$$

$5\overline{)454}$

Divide and write remainder.

$92\overline{)3956}$

Divide and write remainder.

$5\overline{)746}$

Divide and write remainder.

$$\begin{array}{r} 48 \\ 66 \\ +\ 81 \\ \hline \end{array}$$

$80\overline{)4685}$

Divide and write remainder.

Name: _____

Cross off the number that does NOT belong.

$$12,\ 6,\ 12\tfrac{5}{25},\ 6\tfrac{5}{25},\ 12\tfrac{10}{25},\ 6\tfrac{10}{25},\ 10\tfrac{9}{25},\ 12\tfrac{15}{25},$$
$$6\tfrac{15}{25},\ 12\tfrac{20}{25},\ 6\tfrac{20}{25},\ 13,\ 7,\ 13\tfrac{5}{25},\ 7\tfrac{5}{25}$$

There are two different sequences here. And $\frac{1}{5}$ is in both.

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$$(343),\ (49),\ (7),\ (4),$$
$$(1),\ \tfrac{1}{7},\ \tfrac{1}{49},\ \tfrac{1}{343},$$
$$\tfrac{1}{2401},\ \tfrac{1}{16807}$$

Why does _____ not belong in the pattern?

Name: _____

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

1 4 5 3 6

The product of a 2-digit number and a 1-digit number is 180. Write the equation.

I am the largest whole number that rounds to 200 when rounding to the nearest ten.

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

6 6 . 5

Write a number that is closest to 50.

Name: _____

There are 5000 watts of continuous power available from the Big Town thermal spring. The Littleville thermal spring has 15 times that much power available. How much continuous power is available at the more powerful spring?

If in one environment the ratio of primary consumers to secondary consumers is 18/8, about how many primary consumers would you expect in a population of 11,176 primary and secondary consumers?

Write the number that when multiplied by 4 is -20. _____

What number multiplied by -12 results in a product of -120? _____

Rewrite this mixed number as an improper fraction.

$7\frac{7}{8}$

word root **bat** can mean **battle** **debate, rebate**

Name: _____

$$\begin{array}{r} 811 \\ +\ 97 \\ \hline \end{array}$$

Find the difference between 391 and 99.

$$\begin{array}{r} 188,276 \\ -\ 4,590 \\ \hline \end{array}$$

Write the reciprocal.

$\frac{3}{20}$

Write the reciprocal.

12

Write the reciprocal.

$\frac{7}{9}$

Change $\frac{9}{10}$ to a decimal.

Change $\frac{16}{25}$ to a decimal.

Change 2% to a decimal.

Find 4% of 195.

Change 0.4 to a percent.

Find 54% of 280.

Find 50% of 262.

Change $\frac{61}{100}$ to a percent.

Change $\frac{3}{6}$ to a decimal.

Name: _____

Holly is using a map scale to find the distance to Atlantic Beach. The map scale is 1 inch = 50 miles. On the map, it is 3 $\frac{1}{4}$ inches from her home to Atlantic Beach. How many miles is it?

The world's largest pizza was made in South Africa. Its area was 11837 $\frac{3}{5}$ square feet. If the pizza were cut into $\frac{3}{5}$ square foot pieces, how many pieces could be cut from the pizza?

Jenna used a rectangular glass container to make a terrarium on Quiet Day. The container is 4 feet x 1.4 feet x $\frac{1}{2}$ feet. She will fill $\frac{1}{4}$ of it with dirt. How many cubic feet of dirt will she need?

For 7,829,571,379,723,050, write the digit that is in the hundred thousands place.

_____

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

_____

Amanda makes a basket for every three attempts that she makes. Anna needs eight attempts to make a basket. Each basket is worth 2 points. If they each make 48 attempts, then what is the score?

Rewrite these in increasing order of length:

838 m, 151 mm, 83 cm, 927 km, 769 dm

$$\begin{array}{r} 46 \\ -\ 34 \\ \hline \end{array}$$

3 x 10 = _____

Name: _____

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

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

72 ÷ 8 = _____

10 cm = _____ mm

1,282 + 1,484 = _____

$$\begin{array}{r} 955 \\ -\ 660 \\ \hline \end{array}$$

17% of 100 is 17.
17% of 200 is 34.
17% of 500 is 85.

What is 17% of 800?

Circle the digit in the hundredths place.

93.1997

$$\begin{array}{r} 46 \\ +\ 39 \\ \hline \end{array}$$

110 ÷ 11 = _____

9 ÷ 3 = _____

Circle the greatest number:

83,051,274,961

1,023

750,234,689,974

32,856

1 lb = 16 oz

12 lb = _____ oz

Name: _____

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

	P	R			S		N		R
C		M	F		R	T	N	N	C
G	I	M	A	G	E		L	T	R
C	C	C	R		F	T	Y		P
R	C	H		R	D	F		N	
		B	L		G		C	D	L
S	K		L	L		T	R	T	M
		C		T					T
L			N	N		Y	S		C
C		M	P		T		S	M	

ANNOY • PRAISE • PALM • CHORD
ACUTE • IMAGE • CRAFTY
ACROSS • SKILLET • INTEND
COMFORT • COMPETE • OBLIGE
TEEM

If you divide 37 by 3, you get a remainder of 1.
Make up three other different equations where you divide by 3 and get a remainder of 1.

Can 832 be evenly divided by 4? Circle:
832 is evenly divisible by 4
832 is NOT evenly divisible by 4

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 7, 8, 6, and 4. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

$$\begin{array}{r} 249 \\ +\ 296 \\ \hline \end{array}$$

6 x 4 = _____

How many ounces are in 5 pounds?

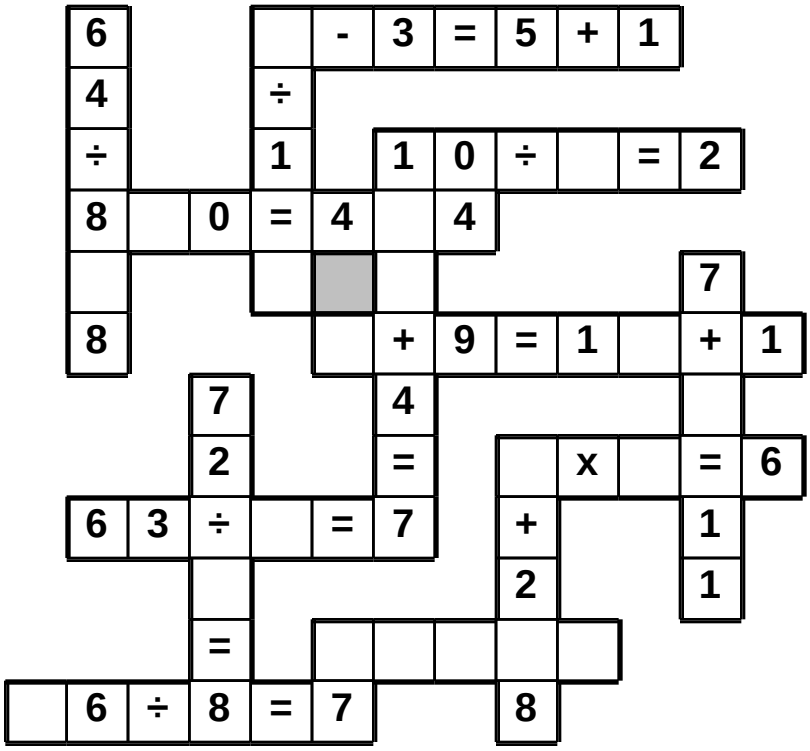
_____ ounces

72 ÷ 6 =

Name: _____

9 • 5 • + • + • = • 9 • 2 • 5 • 3 • 4 • 6 • 1 • 9 • 9 • 0 • x
4 • = • 0 • 5

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



5 x 6 = _____

What number is halfway between 14 and 26?

24 ÷ 8 = _____

How many dimes make $1.70?

7 x 3 = _____

80 ÷ 10 =

Name: _____

Russia, Germany, Japan, and Switzerland were awarded gold (7, 4, 3, and 5), silver (6, 2, 9, and 7), and bronze (8, 4, 9, and 2) medals. Figure out how many of each type of medals were won by each of the four countries.

For example, country x may have won 7 gold, 9 silver, and 4 bronze medals. However, if country x won 7 gold medals, that means country z did not win 7 gold medals. Instead, country z may have won 4 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won nine silver medals. The same country also won nine gold medals.
2. Switzerland won either six or nine silver medals.
3. Japan won either two or eight bronze medals.
4. Germany won more silver medals than gold medals. Germany also won more silver medals than bronze medals.
5. Russia won the most bronze medals.
6. Germany won the fewest gold medals.
7. One country won three gold medals. The same country also won seven silver medals.
8. Russia won two bronze medals in the biathlon as well as three bronze medals in ski jumping.
9. One country won an odd number of bronze medals and six silver medals.
10. Japan won a total of eleven medals.
11. Japan won either five or seven gold medals.

Russia won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Germany won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

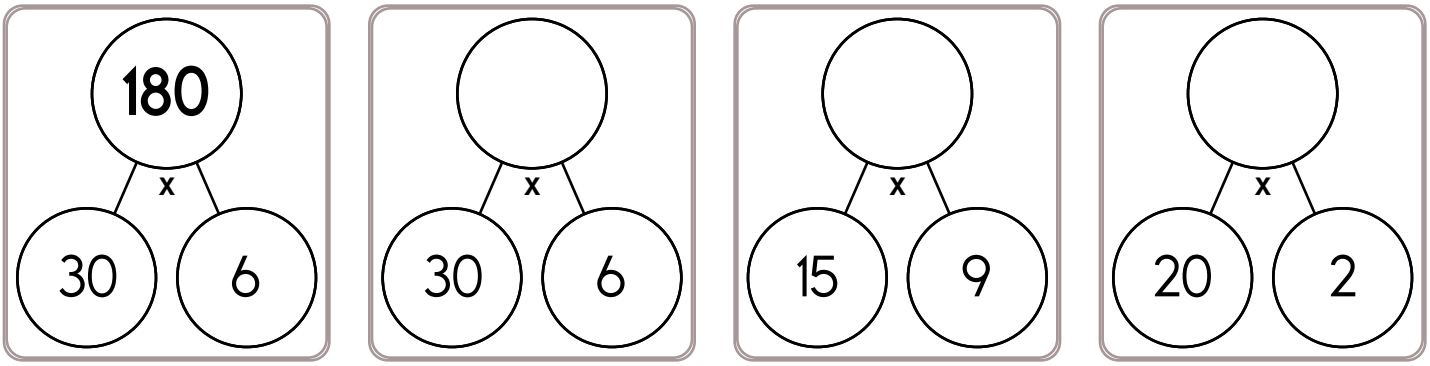
Japan won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Switzerland won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Name: _____

MAD MINUTES

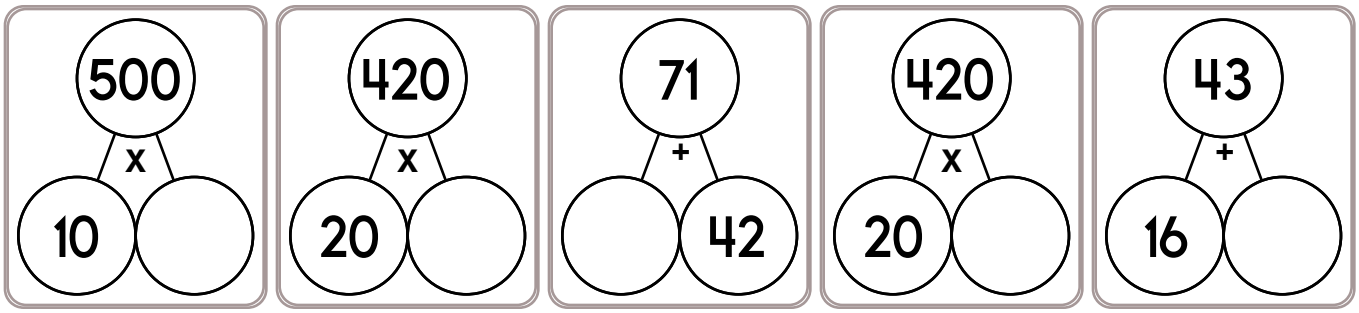
53 x 5 =	58 x 3 =	69 x 9 =
46 x 5 =	45 x 4 =	74 x 6 =
51 x 8 =	90 x 4 =	20 x 4 =
61 x 6 =	17 x 9 =	99 x 7 =

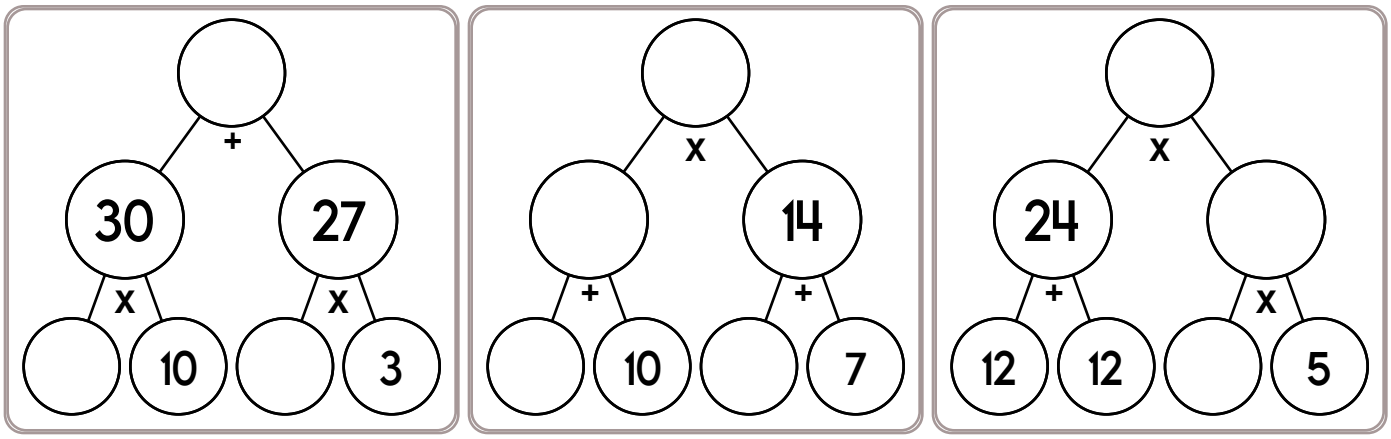


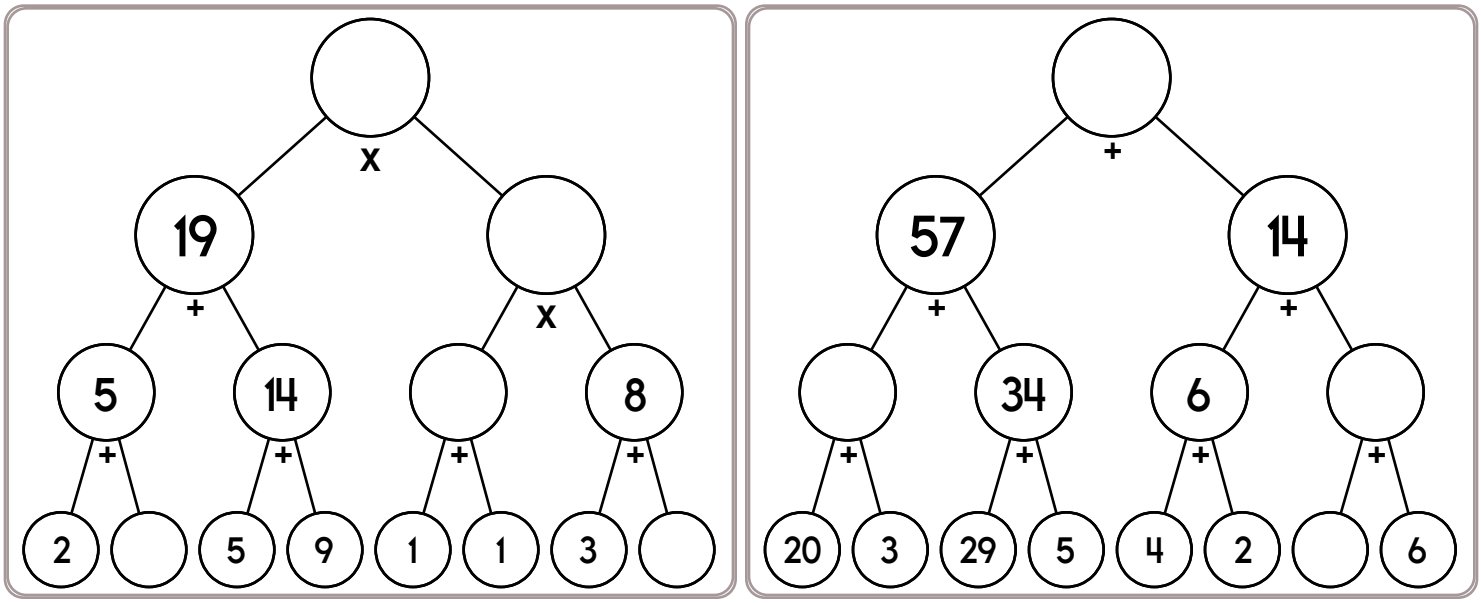
MAD MINUTES

2 x __ = 14	__ x 6 = 48	4 x __ = 32
__ x 7 = 28	2 x __ = 12	7 x __ = 14
__ x 7 = 63	__ x 8 = 64	6 x __ = 48
__ x 5 = 10	__ x 6 = 36	6 x __ = 54

Name: _____







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

Change $\frac{1}{20}$ to a decimal.

$3\overline{)2.1}$

word root **sub** can mean **under** **submarine, subtract**

Name: _____

It takes Ava 24 seconds to fill a water bottle. How long would it take her to fill 3 water bottles?

Jessica decided to help Ava fill 3 water bottles. How long do you think it will take for them to work together to fill 3 bottles?

Hunter wants to hang out with friends at the bowling alley. The closest bowling alley he found offers lane rentals for $5.50 per hour from 11 a.m. until 5 p.m. After 5 p.m., prices jump to $8 per hour. If Hunter rents a lane for 2 hours starting at 4 p.m., how much will he have to pay?

Maria has a new pool in her backyard! It took 7 months to build, but it is finally finished. The only problem is that it has no water. The pool can hold 10,000 gallons of water. She hooked up a garden hose with a flow rate of 18 gallons per minute. At that rate, how long will it take to fill the pool?

Amanda wants to apply grass seed to a new lawn that is 9,874 square feet. She needs to know how many bags of grass seed to purchase. Each 7-pound bag of grass seed covers up to 2,181 square feet. How many bags should she get? Keep in mind the store does not sell partial bags.

Name: _____

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

A (-)

91	60	92
57	37	89
61	14	84
41	95	71

Find a subtraction fact.

B (+)

97	21	95
45	68	57
51	49	26
27	39	82

Find an addition fact.

C (+)

61	73	47
85	42	41
60	23	71
75	17	20

Find an addition fact.

Equations:
Write the equation facts you found.

A		-		=	57
B		+		=	
C		+		=	

---

10 x 7 = _____

Write the missing family fact.

6 x 14 = 84
14 x 6 = 84
84 ÷ 6 = 14

_____

4 x 6 =

81 ÷ 9 = _____

7 x 10 = _____

What time is 17 hours after 5:00 a.m.?

_____

Name: _____

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

Y, W, U, S, Q, O, ___, ___, I, G, E, C

___, W, U, S, ___, ___, M, K, I, G

Complete each pattern. Write what the rule is.

10	20	30
40		60
70	80	
100	110	

Name: _____

Write the final part of each math analogy.

HDJHDJHDJ : HDJ :: BQFBQFBQF : _____

Explain why you think your answer is correct.

2 tens : 20 :: 2 hundreds : _____

Explain why you think your answer is correct.

seven twos : 14 :: three twos : _____

Explain why you think your answer is correct.

12 + 7 = 19 : 19 - 7 = 12 :: 6 + 15 = 21 : _____

Explain why you think your answer is correct.

Name: _____

Can you guess the word?

No duplicate letters can be used.

R	A	I	S	E

The letter R is in the word and is in the correct spot.

R	E	L	A	Y

The letter E is in the word, but E is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

V	A	L	U	E
N	O	B	L	E
S	T	O	L	E

C D F G H I J K M P Q R W X Y Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

L U W V S T O L E U L T J H I U H S V
A H K U Y F S V Z H O T W G L R W L U
L U O L L L T T H W L W H O L E H O H
L T V A L U E G E L I T X H V O O O U
S O V T H S J L U H L P O W W O S H A
E E S A Q B U S I S O V C L V L O E Q

Hint: There are no duplicate letters in the answer.

A	F	T	E	R
T	O	W	E	L

B C D G H I J K M N P Q S U V X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

W A K Q G E T S I H M O K X M
V O O R A V W O E D T A O D O
K O O O N F T F K L T E K T A
W T N R K M T E X E N O F A K
L D O T G N T E W S N E W E T
O P A K O T M E R E V F E E Z
E L Q T O O N O T E N L K M L
J F Y K A K A N F L W O R A T

Hint: There are no duplicate letters in the answer.

S	I	X	T	H
M	O	N	T	H

A B C D E F G J K L P Q R U V W Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

L C T I I S N S C O C I C M H O M W H
R S L O T T W E I N R T M X P M H Y C
F O T O O H O I C X R T M O I O T H O
S C K O T T D O L M T H L S N N S O E
L G L H M H T C H R H H E S T T H T E
L S H O N T I H C M V I H E I O H M D
H O X C J L O S X T L I K C H T Q K M
S H I O O D X H T C G L T M B C N O Y

Name: _____

What is the rule for each pattern?

32, _____, _____, 21, 44, 34, 50, 47, 56, 60, 62, 73, 68, 86
20, 7, 24, 23, 28, 39, 32, _____, 36, 71, 40, 87, 44, 103
12, 2, 23, 4, 34, 6, _____, _____, 56, 10, 67, 12, 78

Complete each pattern. Write what the rule is. Hint: Look for alternating sequences.

Every third number is the greatest common factor.

9, 16, 1, 18, 28, 2, 27, 40, 1, 36, 52, 4, 45, 64, 1, 54, 76, 2, _____, _____
9, 16, 1, 18, 28, 2, 27, 40, 1, 36, 52, 4, 45, 64, 1, 54, 76, _____, _____, _____

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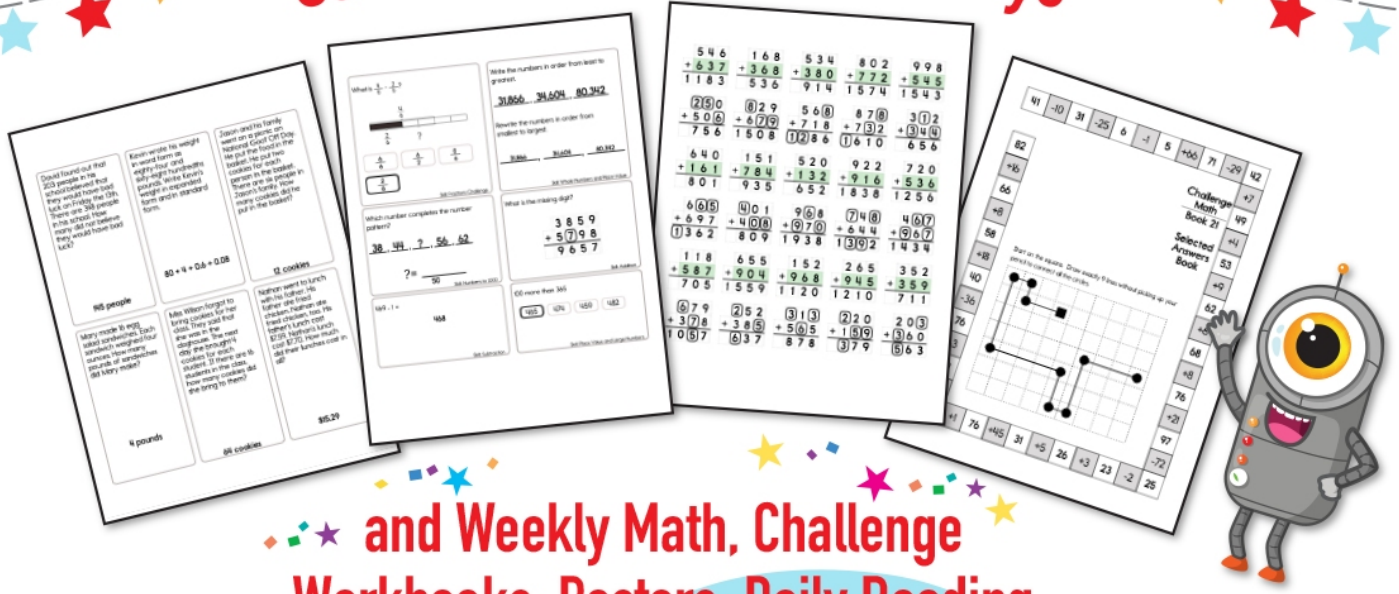

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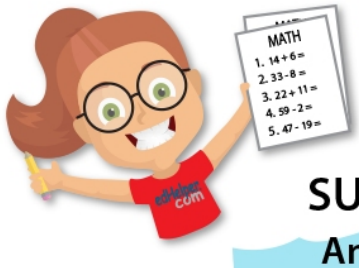

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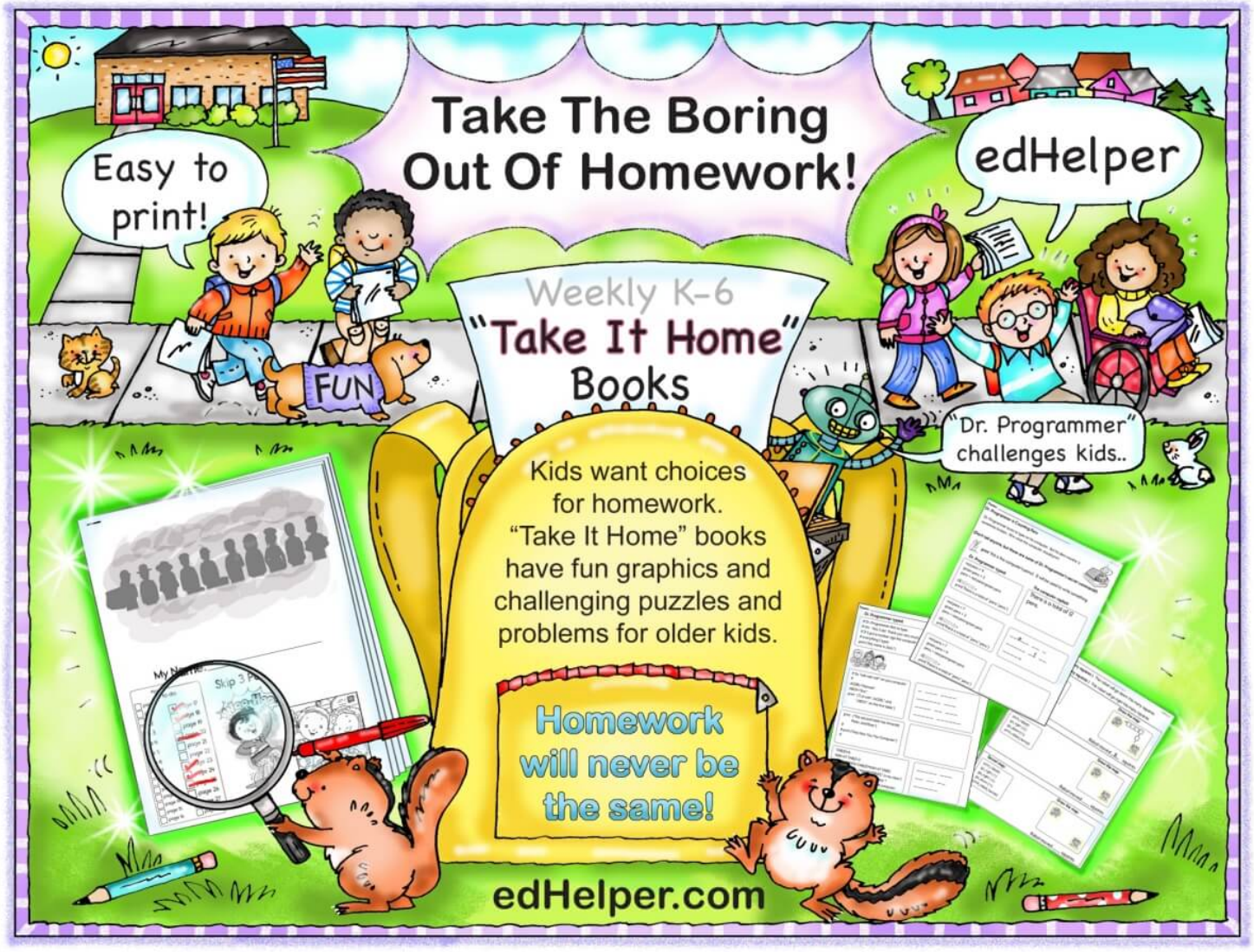
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