Name: _____

The block below is the sum of the two blocks above. Fill in the missing blocks.

8	4.7	14.5	1.8	7.4	12
	19.2				
		243.5			

	$6\frac{8}{9}$		
	$7\frac{11}{63}$		
$14\frac{4}{63}$			
$23\frac{37}{84}$			

Rewrite these in increasing order of length:

435 dm, 15 cm, 894 mm, 468 m

How many yards are in 15 feet?

_____ yards

4,559 + 7,335 = _____

word root **duct** can mean **leader** **conduct, conductor**

Name: _____

Complete each pattern. Write what the rule is.

228	209	190
171		133
114	95	
57		19

Complete each pattern. Write what the rule is.

6, 5, $6\frac{1}{5}$, $5\frac{1}{5}$, $6\frac{2}{5}$, $5\frac{2}{5}$, _____,
_____, $6\frac{4}{5}$, $5\frac{4}{5}$, 7, 6, $7\frac{1}{5}$

15, 9, $15\frac{1}{5}$, $9\frac{1}{5}$, _____, _____, $15\frac{3}{5}$,
$9\frac{3}{5}$, $15\frac{4}{5}$, $9\frac{4}{5}$, 16, 10, _____

There are two alternating sequences here. Add $\frac{1}{5}$ to both.

Name: _____

(30 ÷ 6) + (48 ÷ 4) = _____?

A) 17

B) 16

C) 14

D) None of the above

When it is 10 o'clock, what type of angle is the smallest angle formed by the minute and hour hands?

A) Acute angle

B) Right angle

C) Obtuse angle

Which of the following numbers is between 4,295,283 and 4,295,483?

A) 4295365

B) 4292283

C) 4298483

D) 4294883

Which answer lists all the factors of 24?

A) 2, 3, 4, 6, and 12

B) 2, 3, 4, 6, 8, and 12

C) 4 and 6

D) 1, 2, 3, 4, 6, 8, and 12

What number should be filled in for the _____ to complete this number sentence?

7 + 22 - 16 = (14 ÷ 2 + 25) - _____

A) 46

B) 60

C) 19

D) None of the above

-90 ÷ -9 =

A) 10

B) -20

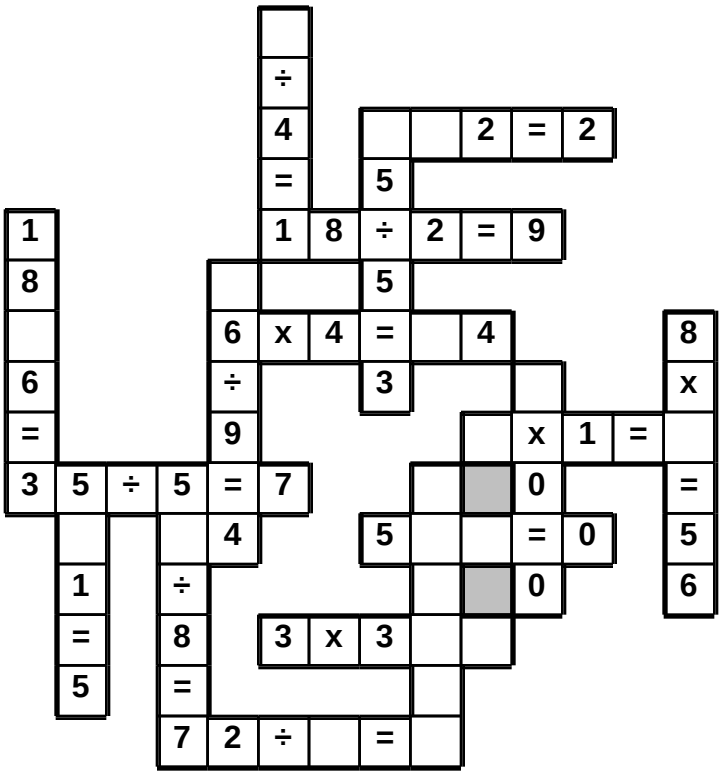
C) -10

D) None of the above

Name: _____

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

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



How many dimes make $2.10?

9 x 11 = _____

3 x 9 = _____

8 x 7 = _____

For 488,244,036, write the digit that is in the ten thousands place.

_____

15 kg = _____ g

Megan rolls a die. What is the chance of her rolling a 3?

_____

60 ÷ 12 = _____

Circle the smallest number:

409,315,872,623 861,045

79,405,982,317 630,721,594

1 cm = 10 mm

9 cm = _____ mm

Name: _____

Circle the addition property for 63 + 26 = 26 + 63.

commutative property

associative property

$$\begin{array}{r} 61 \\ -\ 48 \\ \hline \end{array}$$

6 x 4 = _____

$$\begin{array}{r} 483 \\ +\ 310 \\ \hline \end{array}$$

55 ÷ 11 =

72 ÷ 8 = _____

You can buy 3 books for $6 at the store. At this rate, what would be the cost of fifteen books?

$$\begin{array}{r} 40 \\ +\ 35 \\ \hline \end{array}$$

Write the missing family fact.

43 + 58 = 101
58 + 43 = 101
101 - 58 = 43

_____

3 x 5 = _____

$$\begin{array}{r} 473 \\ -\ 233 \\ \hline \end{array}$$

5,238 + 6,828 = _____

6 x 8 =

132 ÷ 12 = _____

Write the numbers 50 to 80 on a sheet of paper. How many of these numbers are divisible by 2?

_____

Circle the greatest number:

53,860

2,305,781,415

79,214,725,169

8,304,964

2 x 2 = _____

Anna is going to roll two dice. What is the chance that her total will be either 4 or higher on her first roll?

Can 279 be evenly divided by 6? Circle:

279 is evenly divisible by 6

279 is NOT evenly divisible by 6

word root **hosp** can mean **guest or host** **hospital, hospitable**

Name: _____

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

			F	W	F	H			L
	H	L		L		P	U	M	C
	W		S				N	R	L
S	X	M		S	T	L	K	M	P
			L		H	M	N		R
P	X	N		R		S	O	R	R
R	T		T	F	R	T	W	R	
		T					N		G
N	N		R	C		G	H	R	
	T	M					N	N	R

RIGOR • PALM • MIRROR
STAGE • SURFACE • EXTENT
ISOLATE • FEATHER • SOPRANO
UNKNOWN • HAIL • ELIMINATE

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

nine hundred nine thousand five hundred

_____

15 ÷ 5 = _____

120 ÷ 10 =

Maria took three numbers greater than 1 and multiplied them. One number was four and the other number was sixteen. Of course, she forgot the last number, but she remembered the product was 320. Is this possible?

4 x 7 = _____

66 ÷ 6 = _____

12 ÷ 2 = _____

3 x 2 = _____

9 x 9 = _____

What time is 15 hours after 3:00 a.m.?

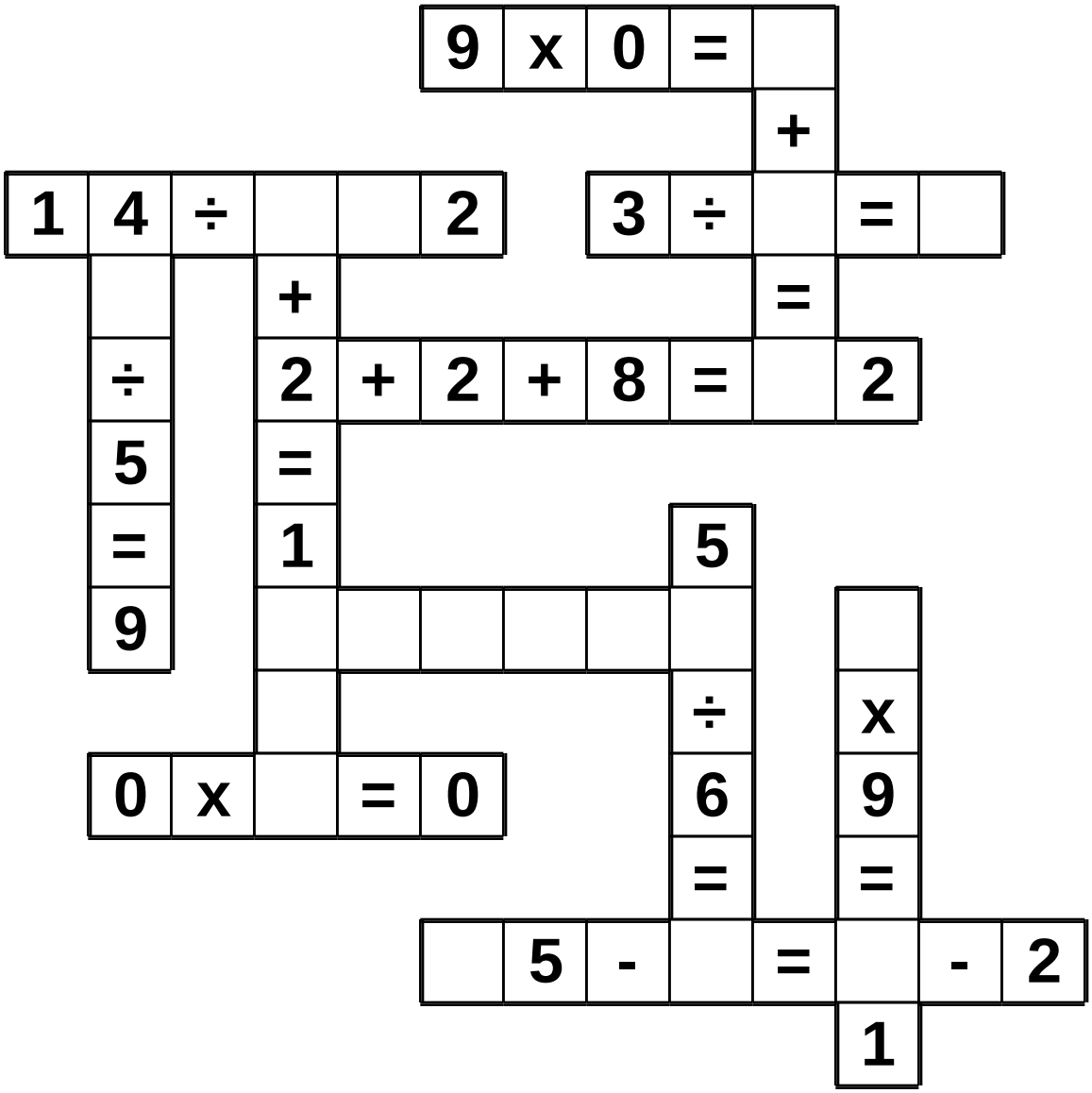
_____

834 - 235 = _____

Name: _____

0 • 7 • = • 1 • 3 • 5 • 1 • 3 • 6 • ÷ • 9 • = • 4 • 9 • - • 4 • 1 • 9 • 8

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



10 x 11 = _____

40 ÷ 5 = _____

What number is halfway between 13 and 23?

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

	sum of 8 →						sum of 10 ↓
sum of 7 →			sum of 10 ↓			sum of 9 ↓	
	sum of 10 →	4	3	3			
sum of 9 ↓		sum of 10 ↓		sum of 8 →			
	sum of 8 ↓		4	sum of 9 ↓			
				2	sum of 2 ↓		
	5		sum of 9 →		1		
			sum of 6 →				

sum of 9 →					sum of 9 →	5	
		sum of 9 ↓	sum of 4 ↓	sum of 7 →			sum of 7 ↓
	sum of 9 →	4	1		sum of 6 ↓	sum of 7 ↓	
sum of 8 ↓	sum of 3 →	1		sum of 9 →		4	
	sum of 5 →	4		sum of 10 ↓			
3							
	sum of 8 →						
	sum of 7 →						

745 + 876 = _____

The letters E and V each have a line of symmetry. Name another letter between E and V that has a line of symmetry.

_____

Maria is making up her own calendar. The first month of her weird calendar is called Affy. To make matters worse, she is giving Affy a total of nineteen days. What is the greatest number of Sundays that can occur during Affy? Show the month of Affy.

3 x 5 =

word root **pro** can mean **for or forward** **process, proclaim, progress**

Name: _____

There is a relay race between two teams. Team #1 ran their relay race with a total time of 105.8 seconds. Erin is on team #2 with Sarah and Anna. Erin ran her lap in 35.2 seconds, and Sarah ran her lap in 34.7 seconds. If Erin's team won the relay race, what is the slowest Anna could have run her lap?

For today's exit ticket from class, the teacher wrote: Find 70% of 5.

Holly thinks it is 0.7 x 5.
Maria thinks it is 7 x 5.

Who is correct and what is the answer?

Sara likes to spend money at the mall. Her brother tells her that she likes to WASTE her money. She bought 6 pairs of earrings and a makeup kit. Altogether it came to $67.02. The makeup kit was $19.68. The earrings were all the same price. How much did each pair of earrings cost?

Nine times the perimeter of a square is 2,448 centimeters. How long is each side of the square, and what is its area?

Name: _____

The formula for converting Celsius (C) temperature to Fahrenheit (F) temperature is F = 9/5C + 32. How many degrees F is 129 degrees C? Round your answer to the nearest tenth.

Anne is packing boxes of medicines into a crate. The crate will be sent to a village in Asia that was devastated by a typhoon. The crate is $5\frac{3}{4}$ ft x $2\frac{7}{8}$ ft x $3\frac{1}{2}$ ft. The boxes are 5 in. x 4 in. x 3 in. How many boxes will fit in the crate?

Vera Sergeevna was 23 years old on the Day of Consent and Reconciliation in 1971. Her brother, Alexander, was 5 years less than twice her age. How old will Alexander be on the Day of Consent and Reconciliation in 2024?

Alex is painting three stripes on the sleeves of his white t-shirt. He can use red, blue, yellow, or purple paint. How many different ways can he paint the stripes if the order is important?

Maria spent $42 at the magic show. She bought an autographed picture of the Wonderful Wizard for $11.50 and two T-shirts that were the same price. How much did she pay for each T-shirt?

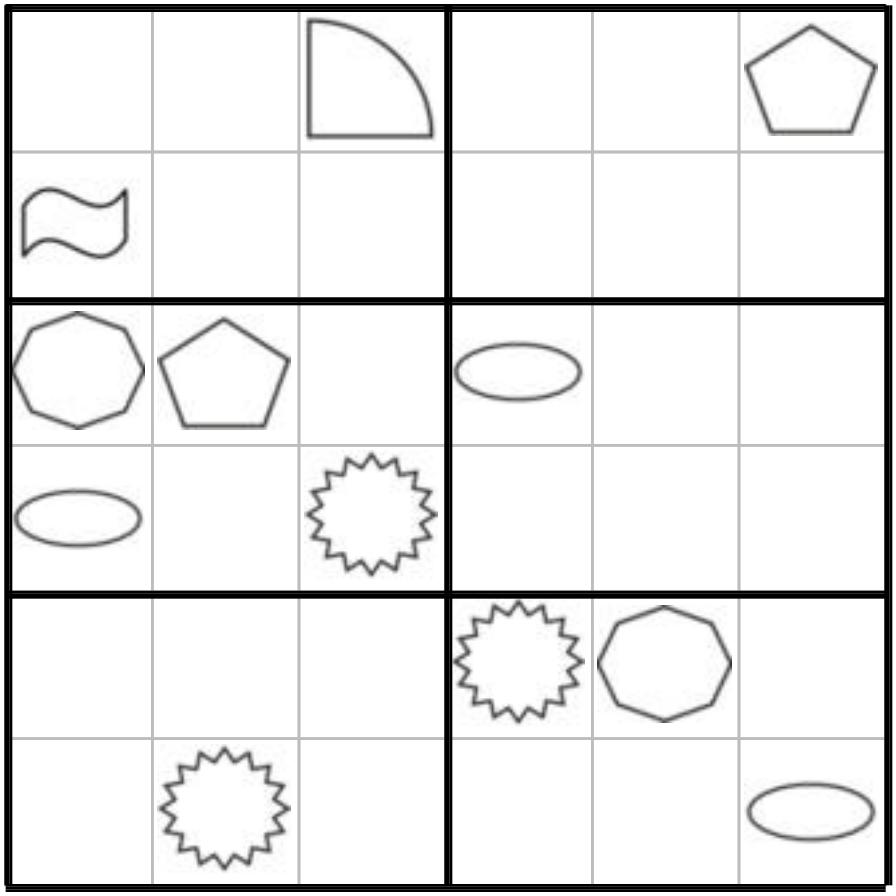
Kevin wanted to ride a mule into the canyon. He could rent a mule for $22 for the day. The price included lunch. He could have a tuna, turkey, or meatball sub on a choice of wheat, rye, or white rolls. How many choices of subs does he have?

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

4	5	3	2	6	
6	1	2			
	3	4		2	
		1	3		
3					
	2	6			4

Each row, column, and box must have 6 different pictures.



Name: _____

Sudoku Sums of 15

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 15.

Here is an example of a sudoku sum of 15:

3	12

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

$$\begin{array}{r} 608 \\ -\ 81 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ +\ 29 \\ \hline \end{array}$$

Subtract 89 from 685.

Name: _____

Each row, column, and box must have the numbers 1 through 9.

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

Simplify.

$\frac{16,400}{28,700}$ =

4 x 36 ÷ 9

(0.9)(0.13)

96 ÷ 8 = _____

Write 94,283 in words.

_____

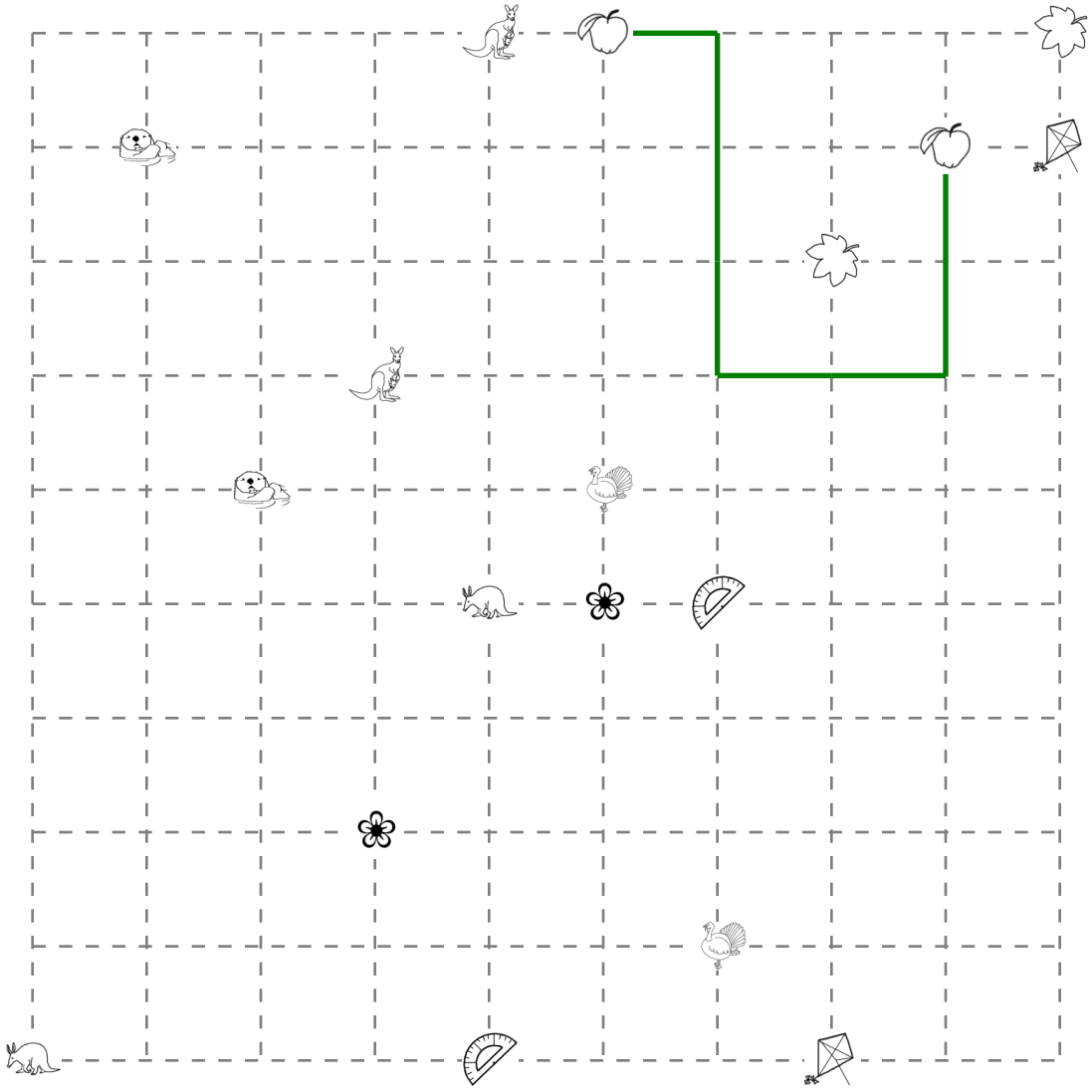
Name _____ Date _____

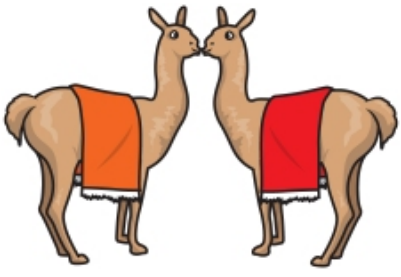
Pictures Kissing

Each of the pictures needs to kiss. The two pictures that kiss must be the same pictures.

Draw a line that connects one picture to one other picture to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a picture, that picture cannot be used again.

One complete line has already been drawn for you.





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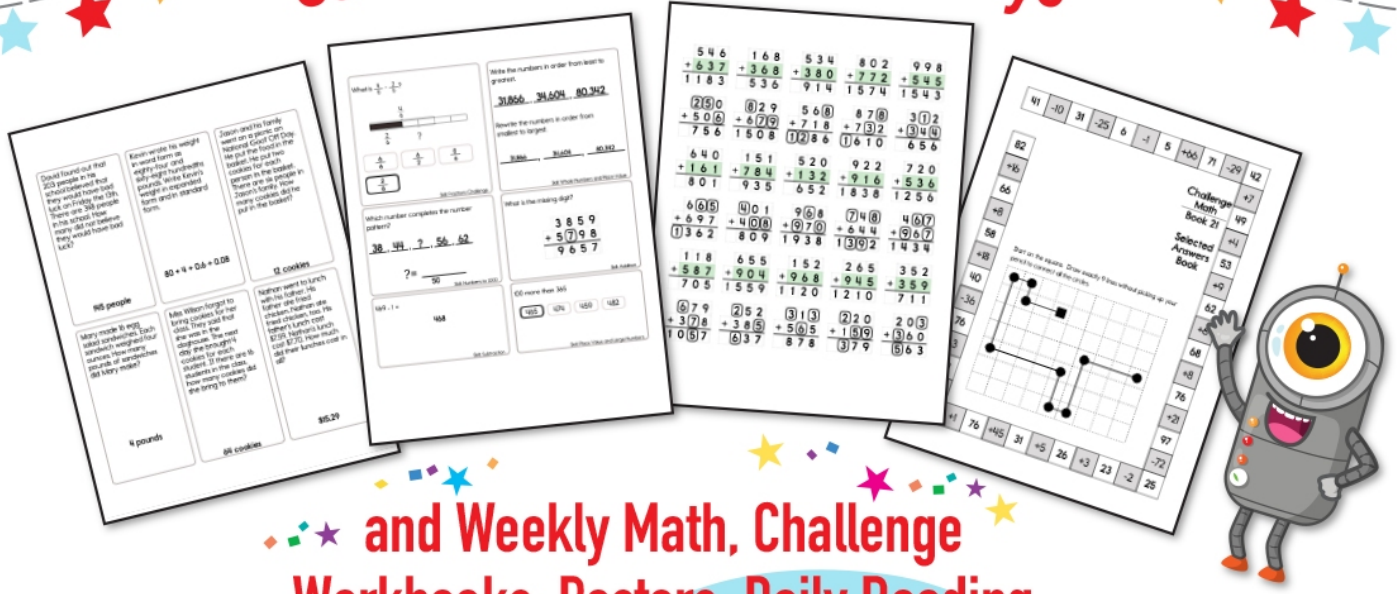

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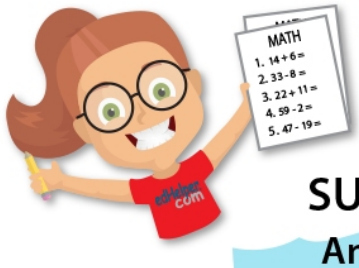

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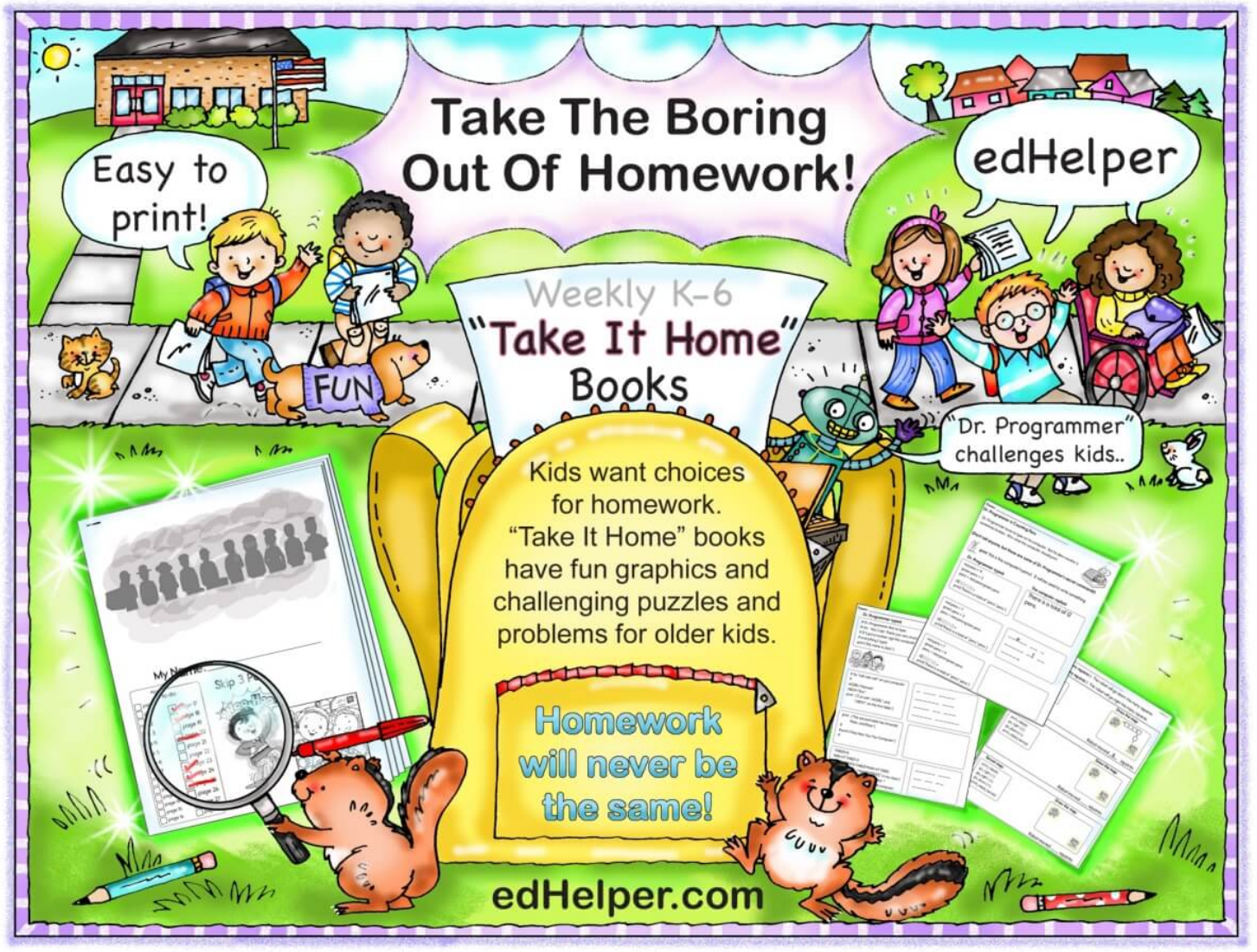
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