**Name:** _____

Write each as a decimal.

45.7% as a decimal is _____

6 thousandths as a decimal is _____

$9\frac{2}{10}$ as a decimal is _____

75% as a decimal is _____

$7\frac{2}{3} + 6\frac{2}{3}$

3 + 3 + 11 - 2

Round 64,346 to the nearest hundred.

Estimate quickly the difference.
4,000 - 1,760

Write $\frac{6}{10}$ in lowest terms.

How many minutes is it from 9:00 a.m. to 10:55 a.m.?

| | | |
|---|---|---|
| 9 x 6 = | 89,254 - 61,462 = _____ | 7 x 11 = _____ |

**Name:** _____

What number multiplied by -4 results

in a product of -24?

When you take some number and subtract -56 from it,

the difference is 79. What is the number?

Sketch an obtuse angle named ∠BCD.

Sketch a right angle named ∠DEF.

Sketch an obtuse angle named ∠GHI.

121 divided by 11 equals

What is the area of a rectangle with sides 2 cm and 6 cm?

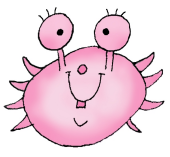
Round 79,271 to the nearest hundred.

Megan rolls a die. What is the chance of her rolling a 4?

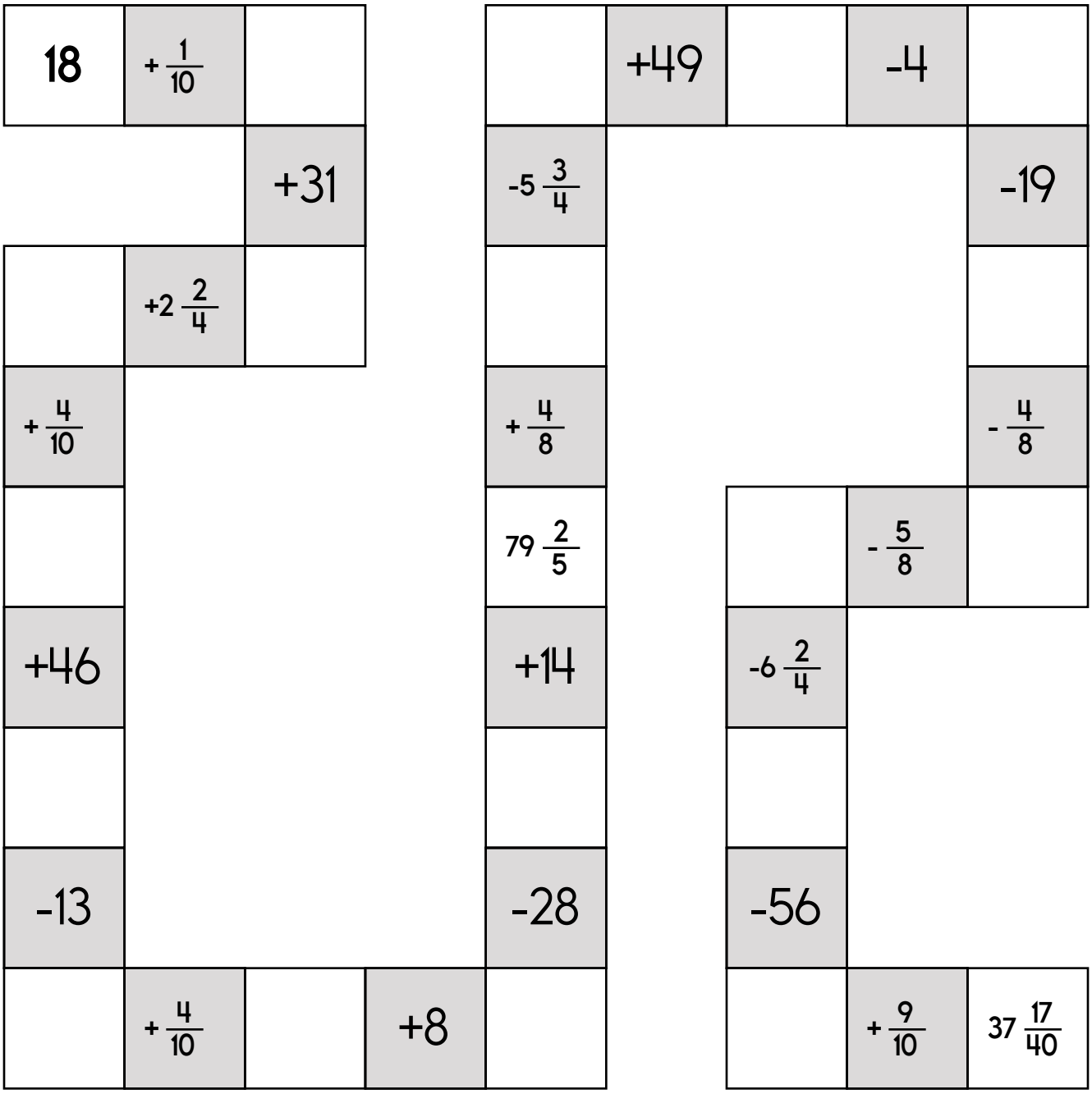
_____

In the number 547,341,159,909, the digit 7 is in what place?

_____



**Name:** _____




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

five hundred eighty-five thousand, one hundred one

_____

Alex took three numbers greater than 1 and multiplied them. One number was three and the other number was nineteen. Of course, he forgot the last number, but he remembered the product was 139. Is this possible?

word root **re** can mean **again** **return, recall**

**Name:** _____

There were 16,289 households in Miles City in 1949. Of these households, half had radios. In 1954, there were 25,865 households in Miles City. Four-fifths of them had radios. How many more households had radios in 1954 than in 1949?

Jack wrote an essay of 3.7 pages on the meaning of freedom. Jacob wrote an essay on the same topic. Together, their essays were 9 pages. Write an equation to find out how many pages Jacob wrote. Solve the equation.

Jenna is trying to learn decimals. She only knows fractions. She's known fractions since she was 3. Now she is trying to learn decimals. Help her convert $\frac{1}{5}$ to a decimal.

Express $\frac{13}{14}$ as a repeating decimal.

word root **in** can mean **into or not** **inaudible, inspect, intact**

**Name:** _____

Cross off the number that does NOT belong.

60, 65, 69, 70, 75, 80, 85, 90, 95

**Why does _____ not belong in the pattern?**

Cross off the number that does NOT belong.

97228, 22897, 89722, 72289, 28972, 22897, 97228, 22897,

89722, 72289, 28972, 97228, 22897, 89722, 72289

**Why does _____ not belong in the pattern?**

**Name:** _____

Connor just got a job at Lulu's Café cleaning off tables. The owner said that Connor could be a server next summer if he does a good job. Connor makes $6.75 per hour. If Connor works $5\frac{1}{2}$ hours a day for five days each week, how much money will he make each week?

Once upon a time a long time ago, people only slept for $2\frac{3}{5}$ hours on Mondays, Wednesdays, and Fridays. They slept $4\frac{1}{4}$ hours on the rest of the days. How many hours did one of these people sleep in a week (beginning with Sunday night and ending with Saturday night)?

Peter was bored. He rode his bicycle 4.3 miles to his friend's house. If his average speed was 3 miles per hour, how long did it take him to get to his friend's house?

1 km = 1,000 m

17 km = _____ m

$8 \div 4 =$ _____

$$\begin{array}{r} 763 \\ -\ 152 \\ \hline \end{array}$$

$3 \times 9 =$ _____

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

888 + 121 = _____

$$\begin{array}{r} 84 \\ -\ 45 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ +\ 25 \\ \hline \end{array}$$

**Name:** _____

What should replace the S in this equation?

31 - S + 16 = 33

Circle the greatest number:

13,928,049,713 40,132

756,986,057,482 569,036,572

3 x 8 =

How many pounds are in 64 ounces?

_____ pounds

44 ÷ 11 = _____

64 ÷ 8 = _____

10 x 6 = _____

6 x 12 = _____

The equation 9 x 43 + 50 = 437 uses three different numbers and two different equations.
Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 44.

767 + 915 = _____

$$\begin{array}{r} 2\,1\,1 \\ +\,3\,1\,4 \\ \hline \end{array}$$

7 kg = _____ g

Can 702 be evenly divided by 9? Circle:

702 is NOT evenly divisible by 9

702 is evenly divisible by 9

797 + 782 = _____

**Name:** _____

## Sudoku Sums of 7

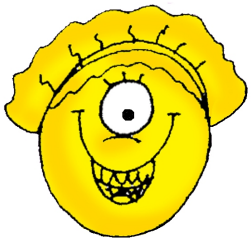
Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

| | |
|---|---|
| 4 | 3 |

| | | | | | |
|---|---|---|---|---|---|
| 3 | | | | | |
| | | | | | |
| | | 5 | | | 4 |
| 6 | | 1 | | | 2 |
| | | 4 | | 6 | 1 |
| | | | 2 | | |

2 x 5 = _____



What number is halfway between 24 and 35?

Circle the addition property for 64 + 190 = 190 + 64.

associative property

commutative property

4 x 6 =

70 ÷ 10 = _____

What number is halfway between 3 and 15?

**Name:** _____

0 • 5 • ÷ • = • 2 • 1 • 6 • ÷ • 8 • = • 2 • 6 • 5 • 4 • 5 • 3
3 • 1 • 7 • ÷

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

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 8 | x | 0 | = | | | | | |
| | | | | ÷ | | 2 | | | | | | |
| | | | x | 2 | 1 | | 7 | | 3 | | | |
| | | 8 | | 1 | = | | 2 | | | | | |
| | | x | 7 | = | 1 | 4 | = | | 3 | | | |
| | | 8 | | 5 | | | | | | | | |
| | | = | | | | | | | 1 | | | |
| | | 6 | | | | 4 | x | 4 | = | 1 | | |
| | | | 0 | ÷ | | = | 8 | | | | | x |
| | | | | | 6 | | | | | | ÷ | 4 |
| | | | | | ÷ | | 8 | | ÷ | 9 | = | 9 |
| | | | | | | | | | | | = | 2 |
| | | 6 | x | 0 | = | 0 | | | 0 | | 7 | = | 0 |
| | | | | | 8 | | | | | | | |

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

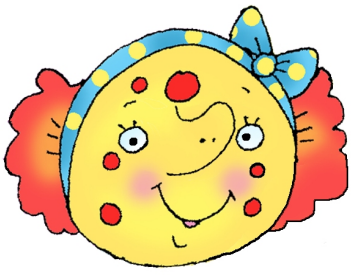
_____

18 ÷ 2 = _____

60 ÷ 12 = _____

For 46,392,011,599,919, write the digit that is in the hundred thousands place.

_____



Wendy likes to change numbers into a secret letter form. Wendy changed the number 45 to GG. Wendy changed the number 44,783 to GGGGG. Wendy changed the number 7,374 to GGGG. Wendy changed the number 865,426 to GGGGGG. How do you think she would change the number 331?

_____

144 ÷ 12 = _____

72 ÷ 9 = _____

word root **osis** can mean **condition** **neurosis, psychosis**

**Name:** _____

Eric, Alexis, Nathan, and Andrew each started a sticker collection in February. Each one of them collected a different number of stickers in February and March. During the first month, they collected 24, 20, 31, and 29 stickers. During the second month, they collected 42, 38, 39, and 45 stickers.

Figure out how many stickers each person collected in February and March.

1. Andrew has a total of sixty-three stickers.
2. If Eric did not collect stickers in February then Eric would only have 45 stickers.
3. Nathan has a total of seventy-one stickers.
4. Andrew and Eric both were not the ones who collected twenty stickers in February.
5. Eric collected fourteen more stickers in March than in February.

Eric collected _____ stickers in February and _____ stickers in March.

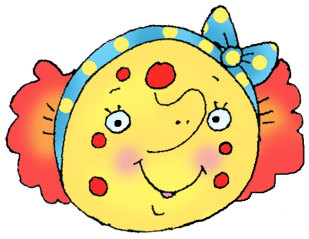
Alexis collected _____ stickers in February and _____ stickers in March.

Nathan collected _____ stickers in February and _____ stickers in March.

Andrew collected _____ stickers in February and _____ stickers in March.

Can 541 be evenly divided by 7? Circle:
541 is evenly divisible by 7
541 is NOT evenly divisible by 7

12 x 12 = _____



48,729 + 61,196 = _____

20 ÷ 5 =

36 ÷ 6 = _____

2,719 + 3,937 = _____

**Name:** _____

Puzzle:

| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  | 54 |
|  |  |  | 8 |  | 42 |
|  | 8 |  | 8 |  | 36 |
|  |  |  |  |  | 33 |
|  |  |  |  |  | 32 |
| 35 | 46 | 39 | 33 | 44 | + |

Work Area:

| | | | | | |
|---|---|---|---|---|---|
| | | | | | 54 |
| | | | 8 | | 42 |
| | 8 | | 8 | | 36 |
| | | | | | 33 |
| | | | | | 32 |
| 35 | 46 | 39 | 33 | 44 | + |

The sum for each column and row is given.

 = _____  = _____  = _____

 = _____  = _____

(0.9)(0.14)

$\frac{2}{5} \times \frac{4}{5}$

10g - 28.5 = 1.5

g =

Simplify.

$\frac{105}{140}$ =

Rewrite $\frac{49}{100}$ as a decimal.

0.6 (0.8 (0.6 + 2)) =

**Name:** _____

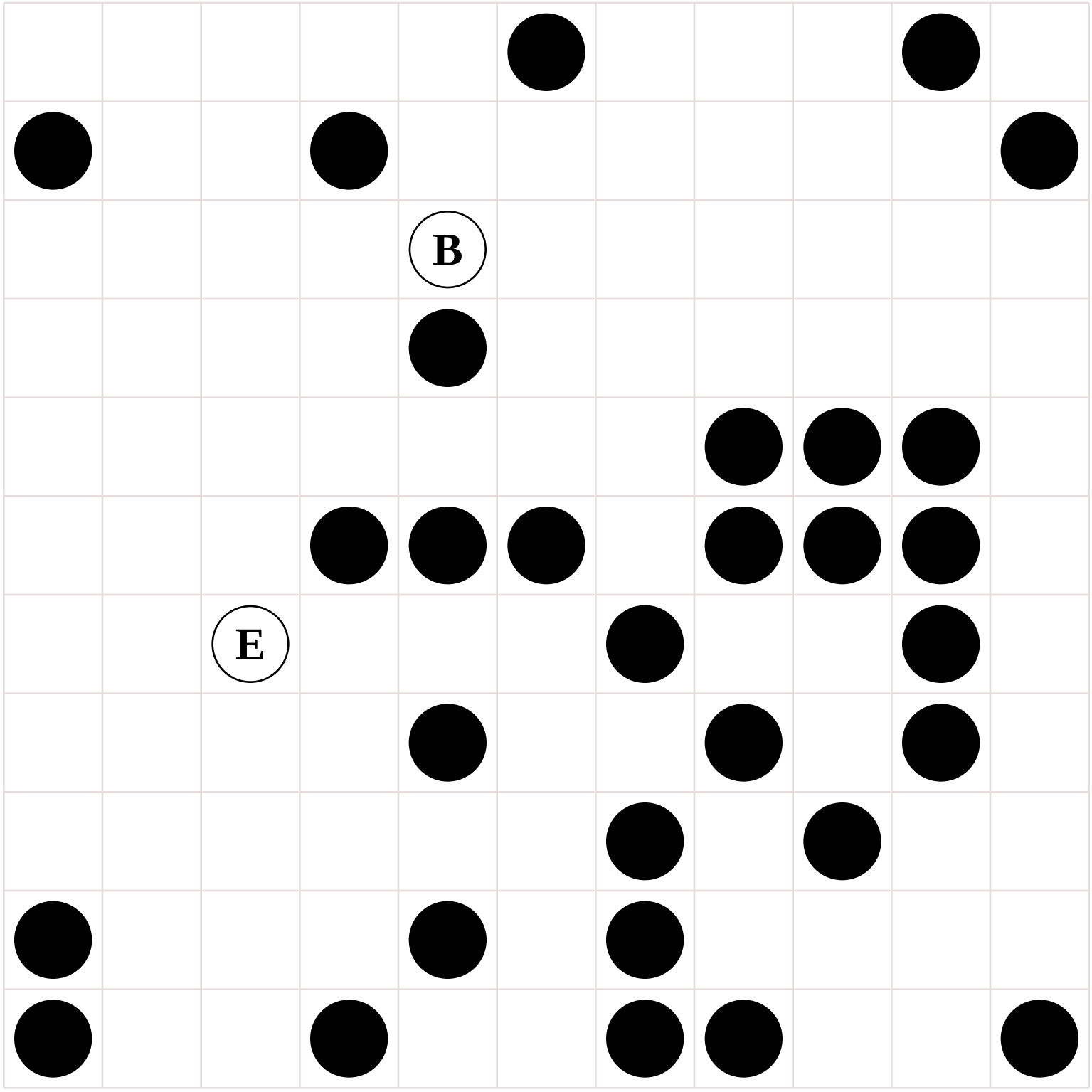
On the last day of school the high school classes participated in a field day. Jenna did not finish the 3K run, but she ran 2 !FS!^1^3!FE! miles in 18 !FS!^1^2!FE! minutes. How many minutes did it take her to run one mile?

Max wanted to sleep for 13 !FS!^3^4!FE! hours. He went to bed at 10:49 p.m. and woke up at 7:15 a.m. How much less than 13 !FS!^3^4!FE! hours did he sleep?

Consider a piece of paper in the shape of a parallelogram - any parallelogram. How can this piece of paper be used to prove the formula for the area of a triangle?

Name _____ Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and end your last line on the **E** circle. You can go through a circle more than once.




**Didn't get them all? That's ok. This was hard. I missed only _____ circles.**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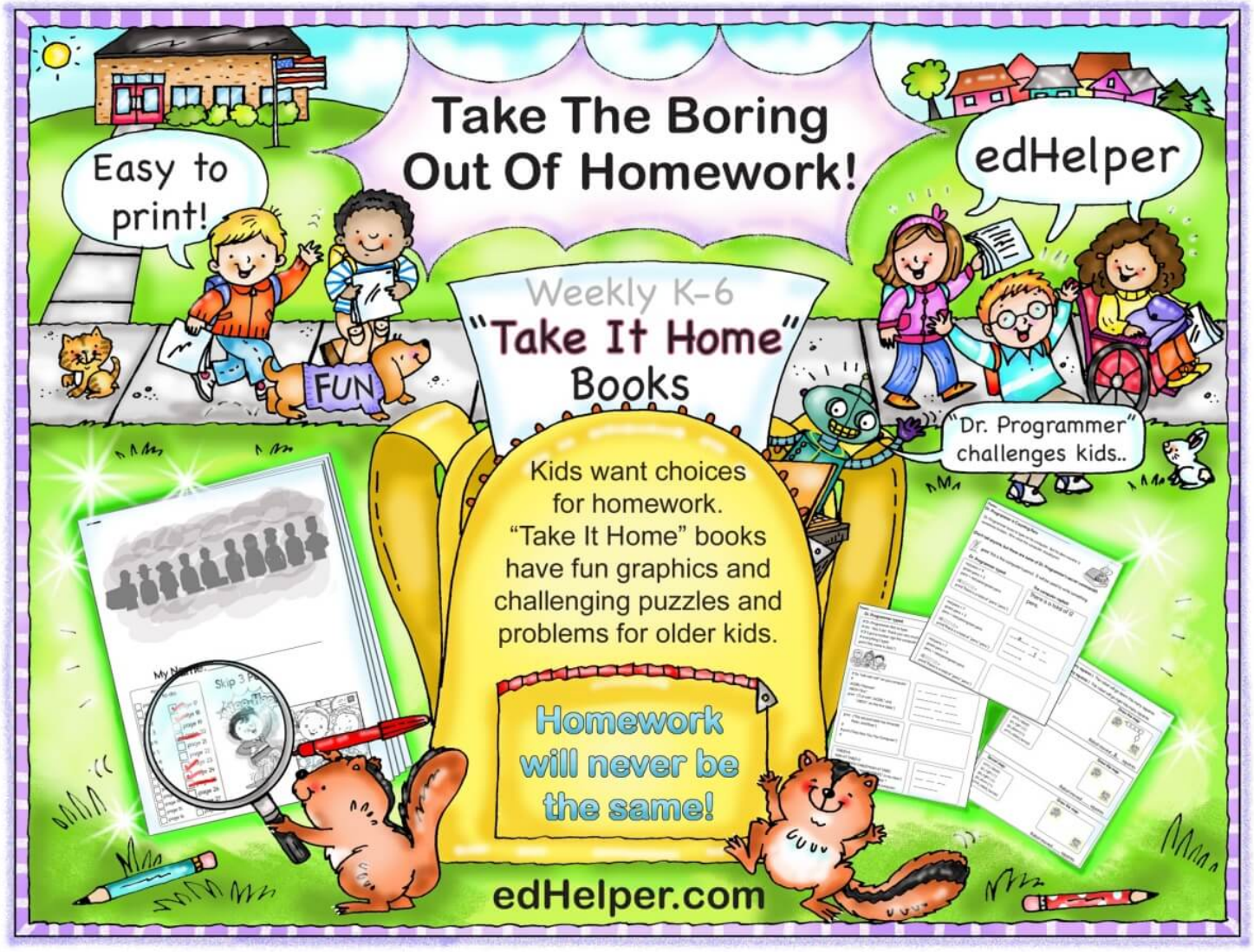
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