Name: _____

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

7, 6, 6, 6, 7, 6, 6, 6, 6, 6, 7, 6, 6, 6,

6, 6, 6, 6, 7, 6, 6, 6, 6, 6, 6, ___, ___, ___

5, 4, 4, 4, 5, 4, 4, 4, 4, 4, 5, 4, 4, 4,

4, 4, 4, 4, 5, 4, 4, 4, 4, 4, 4, ___, ___, ___

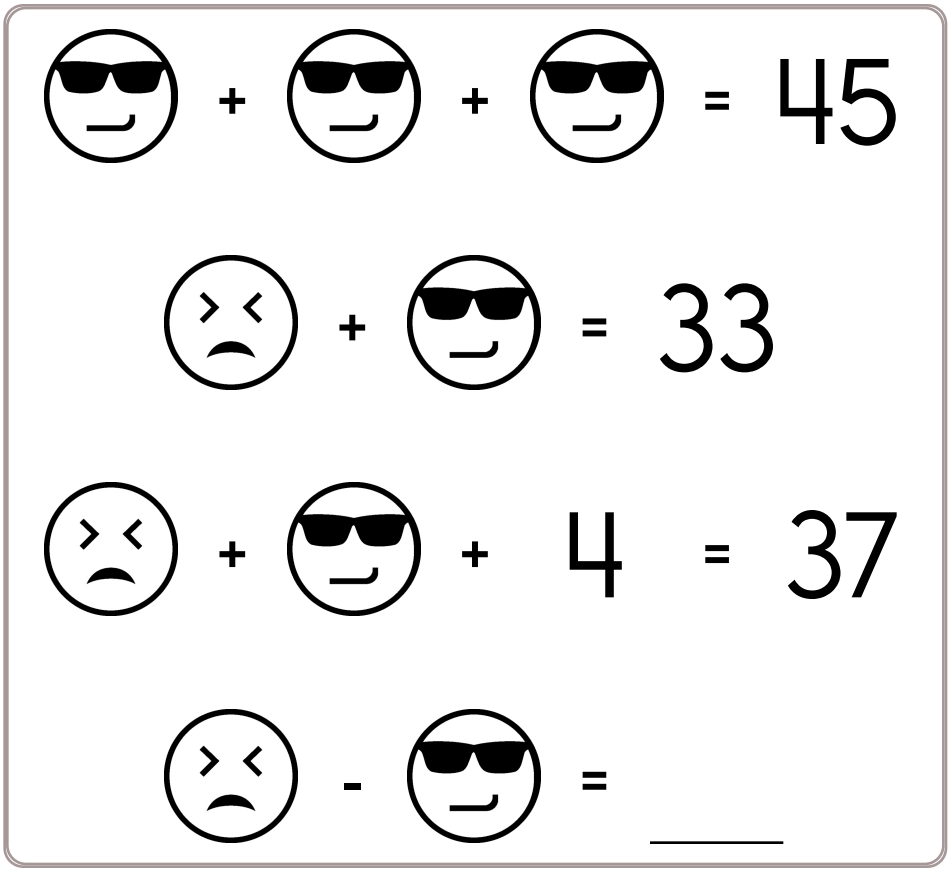
Complete each pattern. Write what the rule is.

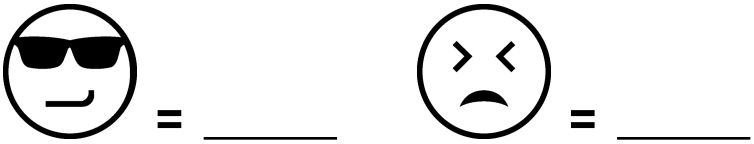
162	144	126
108	90	
54		18

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.

Then write the correct answer!





1 before 14 _____	9 after 11 _____	1 after 13 _____
9 before 12 _____	3 after 12 _____	4 after 16 _____
2 before 13 _____	2 after 18 _____	8 after 14 _____
6 before 15 _____	7 after 15 _____	5 after 19 _____
5 before 16 _____	6 after 17 _____	6 after 15 _____
4 before 44 _____	5 after 63 _____	8 after 47 _____

Name: _____

Gavin just loved the old green truck. His friends said it was ugly, but he didn't think so. He had saved $568.46 from his summer jobs. He asked the man how much he wanted for the truck. The man said he would sell it for $484. If Gavin bought the truck, how much of his savings would he have left?

Robert worked for almost three hours on his drawing of Mickey Mouse. When he finished it, he put it in a frame and gave it to his little brother for his birthday. The width of the picture was seven inches. If the area of the picture was ninety-one square inches, what was its length?

Ava needs to buy water for the cafeteria.

"Can you please pick up 42 quarts of water?" asked the principal.

When Ava got to the store, they only sold water in gallon containers. How many gallons should she buy? (Hint: 1 gallon = 4 quarts)

The digits in a 4-digit number add up to 30. The tens digit is 3. Can you name the number?

Is there only one possible answer?

Name: _____

A year on Mars lasts 687 days. Robot Pete lives on Mars. He is exactly 3 Mars years old. That means he was born 2,061 days ago, assuming a robot was born, which makes no sense. But who cares!

Robot Pete's older brother Jack was born 389 days before Pete. How many days old is Jack? Don't forget, to be older, Pete should be MORE days old than Jack! If your answer is less than 2,061 then think again.

14 = _____ - 5

_____ = 28 - 12

13 = _____ - 13

Name: _____

Amanda wanted to learn about the planets. She went to the school library. She found a book about planets. The book has 132 pages. If she reads 23 pages each day, how long will it take her to read the book?	Jason built a bookshelf for his best friend. He used five boards that were two feet long and one foot wide for the shelves. He used two boards that were $4\frac{1}{4}$ feet long and one foot wide for the sides. How many square feet of wood did he use?	Justin believes that an apple a day keeps the doctor away. He did a survey that showed 12 students ate both apples and pears, 20 liked both oranges and apples, 5 liked only oranges, and 8 liked all three fruits. How many students did Justin survey?

How do you know if a number is divisible by 9? Use this trick.

6,769,521 _6_ + _7_ + _6_ + _9_ + _5_ + _2_ + _1_ = ___ ___

___ + ___ = ___ Is that a multiple of 9? Circle: Yes No

Circle one: 6,769,521 is divisible by nine 6,769,521 is not divisible by nine

51,890,832 ___ + ___ + ___ + ___ + ___ + ___ + ___ + ___ = ___ ___

___ + ___ = ___ Is that a multiple of 9? Circle: Yes No

Circle one: 51,890,832 is divisible by nine 51,890,832 is not divisible by nine

Round the number to the place value of the BIG number.

64,**3**66

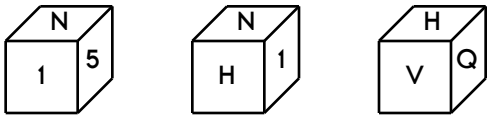
_____

What is the value of the 7 in 72?

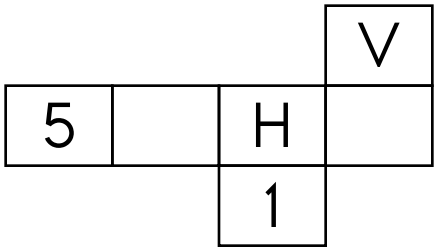
_____

Name: _____

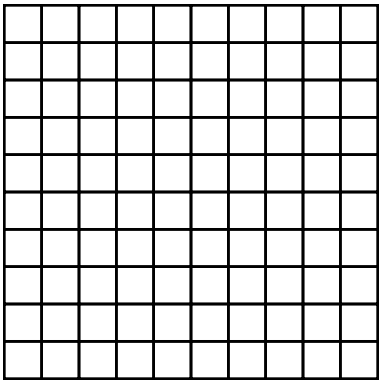
This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.



Color $\frac{9}{10}$.



$$\begin{array}{r} 92 \\ +\ 32 \\ \hline \end{array}$$

What place value does the 1 have in 16,954?

_____

Can you think of a five-letter word that has the vowel E in it?

_____

$$\begin{array}{r} 80 \\ -\ 14 \\ \hline \end{array}$$

What is the area of a square that measures 3 mm on one of its sides?

_____

If ☐ = 12, then ☐ + 5 = _____

$$\begin{array}{r} 2 \\ \times\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 11 \\ \times\ 11 \\ \hline \end{array}$$

Circle the best estimate for the answer to:

87 + 252

440 430 340 460

$$\begin{array}{r} 18 \\ +\ 77 \\ \hline \end{array}$$

If q = 19, then what does q - 9 equal?

_____

The factors of 6 are ____ 2 3 ____

Write an even number with a seven in the thousands place.

_____

$3\overline{)15}$ $8\overline{)32}$

word root **cred** can mean **believe** **credit, creed**

Name: _____

27 - 10	37 - 35	63 - 54	71 - 49	89 + 19

Would you use a ruler or a yardstick to measure the length of a book?

_____

List the first four multiples of 5.

_____ _____ _____ _____

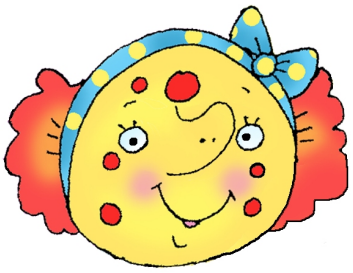
- ⬭ tewk
- ⬭ telk
- ⬭ tak
- ⬭ talk

The month before me has thirty-one days. The month after me has thirty-one days. What month am I?

June
December
March
October

Write the number for four thousand, twenty-one.

_____

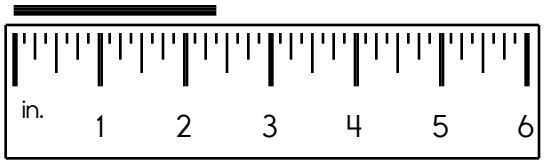


Calculate the product of 8 and 10.

_____

Write the length in inches.

_____



98 + 75

Fill in the missing fraction.

$\frac{3}{7}$, $\frac{4}{7}$, _____ , $\frac{6}{7}$

Write 735 in expanded notation.

_____

36 + 13

What is the homophone of this word?

gnu

_____

Name: _____

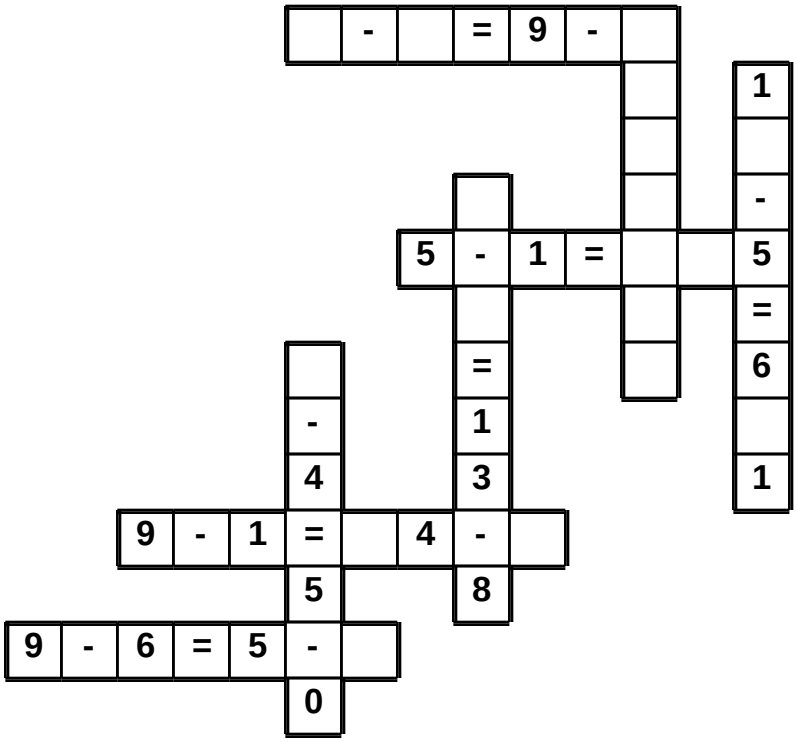
188 − 95	122 − 52	12 + 74	159 − 67	25 + 75	38 + 70
144 − 68	149 − 57	89 − 39	15 + 46	64 + 62	23 + 23
84 + 47	70 + 45	99 − 43	92 + 16	28 − 14	137 − 70
108 − 60	15 + 87	75 − 25	115 − 90	38 + 25	54 + 33
82 − 72	102 − 13	54 + 30	13 + 11	112 − 55	28 + 19
23 + 53	70 + 41	154 − 68	158 − 61	82 + 66	126 − 27
155 − 99	49 + 77	69 + 90	27 + 62	89 − 61	138 − 54

7 + 4 = ☐
☐ + 5
☐ + 9
☐ − 5
20 + ☐
29 + 6 = ☐
☐ − 7
☐ + 9
☐ − 9
28 − ☐
25 + 7 = ☐

Name: _____

7 • 2 • 4 • - • 3 • 0 • 7 • = • 9 • - • 2 • - • 9 • 8 • - • 1 • 6
2

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

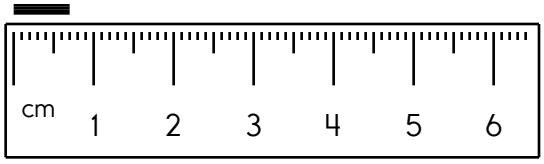


Which number is greater: 0.6 or 0.57?

_____

Write the length in centimeters.

_____



$9\overline{)54}$

Write the unshaded part as a decimal.

_____

Do you use A.M. or P.M. to write the time you eat dinner?

_____

$$\begin{array}{r} 88 \\ -\ 23 \\ \hline \end{array}$$

Name: _____

75 - 36 = _____

695 + 134 = _____

2 + 2 + 2 = _____

$\begin{array}{r} 14 \\ -\ 5 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ -\ 3 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ -\ 4 \\ \hline \end{array}$

57 + 7 = _____

88 ÷ 8 = _____

702 - 169 = _____

42 + 53 = _____

15 - 6 = _____

6 + _____ = 15

13 - 2 = _____

$\begin{array}{r} 22,231 \\ +\ 87,921 \\ \hline \end{array}$ $\begin{array}{r} 69,906 \\ +\ 27,794 \\ \hline \end{array}$

Can you win at bingo? Color in a circle red if it is on the bingo board. Then color in the square on the bingo board red. Cross off a circle if you do not see it on the bingo board.
Keep going until you win! Win by getting four across, down, or diagonal.

11 + 46

8 + 32

34 + 17

19 + 49

6 + 15

BINGO BOARD

70	16	39	5
71	47	40	57
15	45	50	68
26	43	51	34

19 + 24

32 + 38

35 + 41

7 + 40

26 + 9

21 + 16

39 + 32

5 + 3

18 + 21

4 + ☐ = 7

13 + ☐ = 18

4 + ☐ = 9

13 + ☐ = 21

Name: _____

91 - 24 = _____

392 + 170 ☐	936 + 566 ☐	191 + 359 ☐
923 - 380 ☐	635 - 171 ☐	464 - 415 ☐

4 + 8 = _____

_____ - 8 = 4

8,710 - 2,092 ☐	7,720 - 2,289 ☐

Count by twos.

6 _____ _____ _____ _____

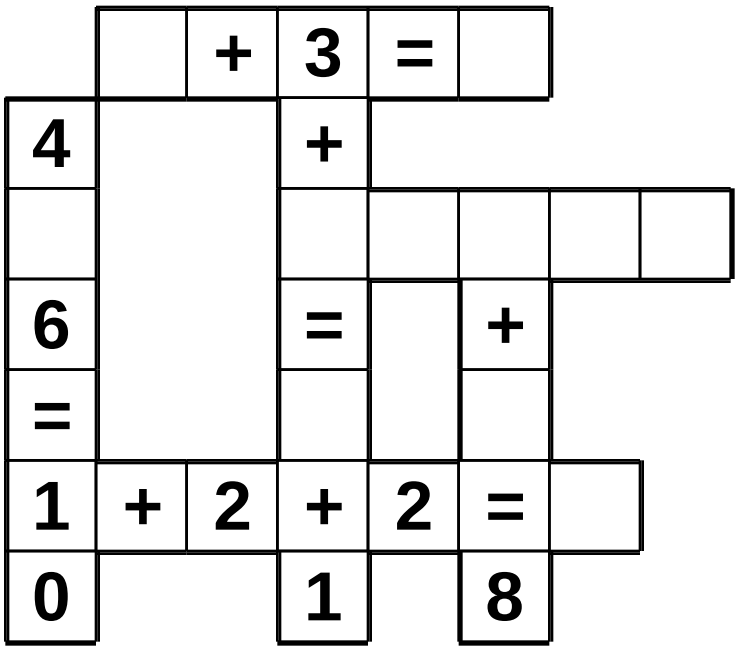
_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

15 + 8	8 +12	5 +5

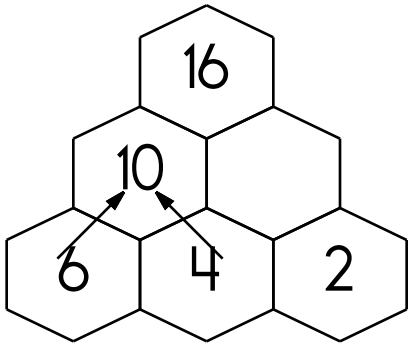
0 • 3 • + • 1 • + • 7 • = • 8 • 3 • 1 • 5

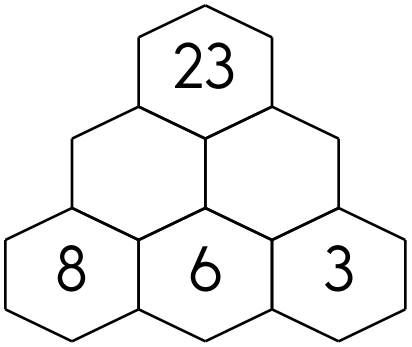
Use the pieces above to help you fill in the runaway math puzzle.

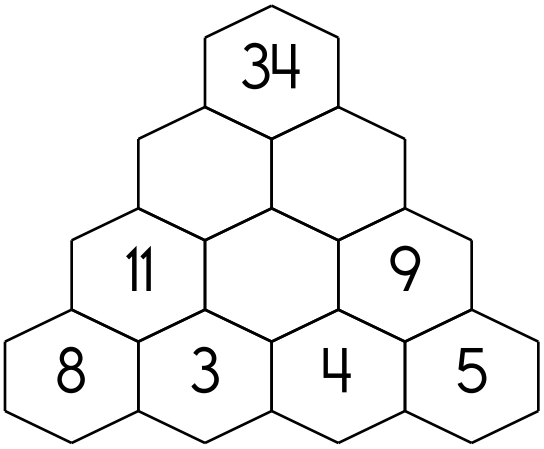


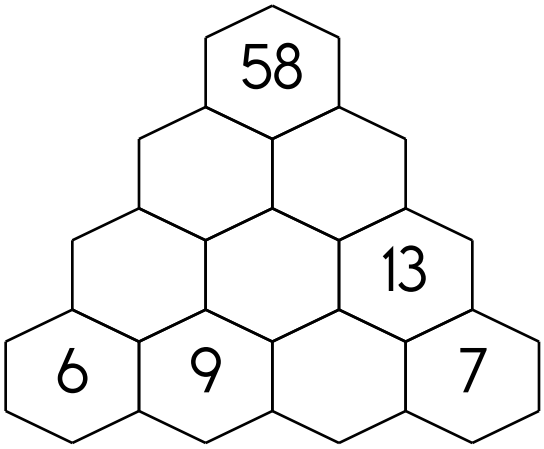
Name: _____

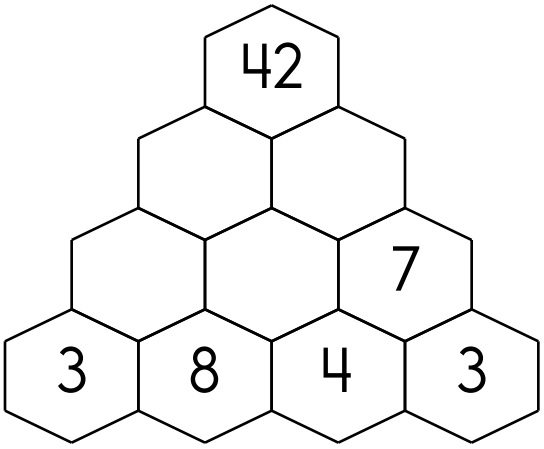
Fill in the blanks by adding the two numbers below each hexagon.

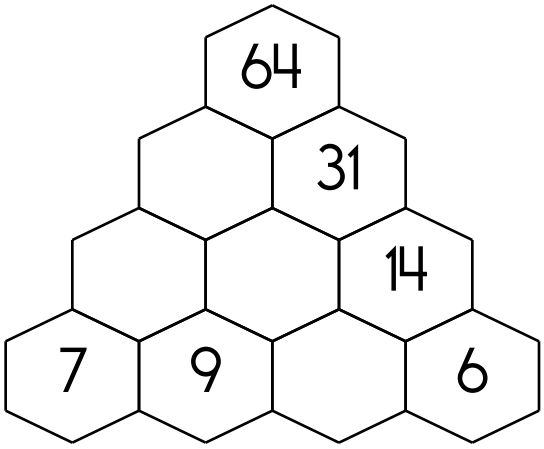












Round 164 to the nearest ten.

56 ÷ 8 =

Jenna has 20 nickels. How much money is that?

Name: _____

$16\overline{)640}$ $24\overline{)581}$ $9\overline{)243}$ $36\overline{)252}$

$4\overline{)75}$ $40\overline{)400}$ $16\overline{)386}$ $60\overline{)2520}$

$7\overline{)142}$ $60\overline{)300}$ $15\overline{)212}$ $42\overline{)462}$

Write as a decimal.
Forty-seven thousandths

Write as a decimal.

$2\frac{36}{100}$

Write as a decimal.

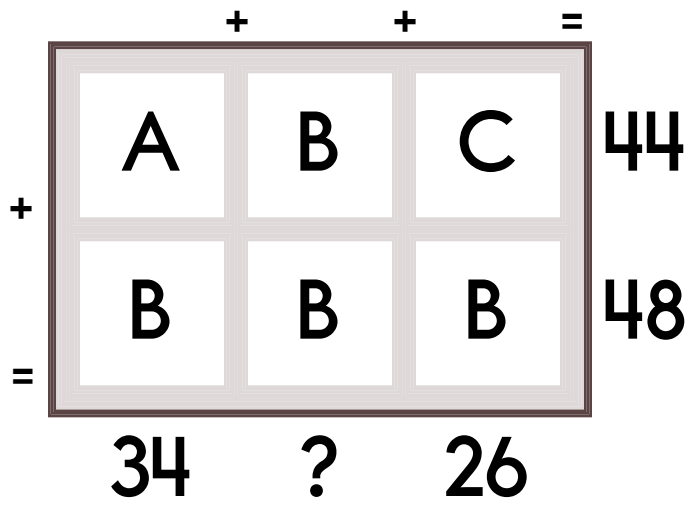
$6\frac{3}{10}$

7 x 5 - 2

45 ÷ 9 =

Find the product of 7 and 3.

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

A + B + C = 44 B + B + ___ = 48 ___ + ___ = 26

___ + ___ = 34

Additional hints:

B < 23 B = C + 6 C is the smallest.

Show Work:

Solve:

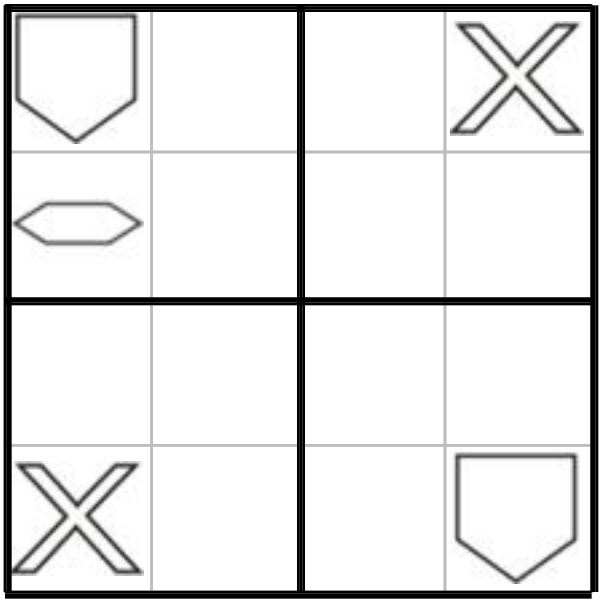
? = ___

Name: _____

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

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

Each row, column, and box must have 4 different pictures.



Name: _____

Complete each pattern. Write what the rule is.

23, 32, 44, _____, _____, 98, 122, 149, 179, 212, 248, 287

_____, 38, 50, 65, 83, 104, 128, _____, _____, 218, 254

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 9 = 10

2 , 11 = 13

3 , 13 = 16

4 , 15 = 19

Then

5 , 18 = ?

If

5 , 4 = 9

6 , 9 = 15

7 , 14 = 21

8 , 19 = 27

Then

9 , 23 = ?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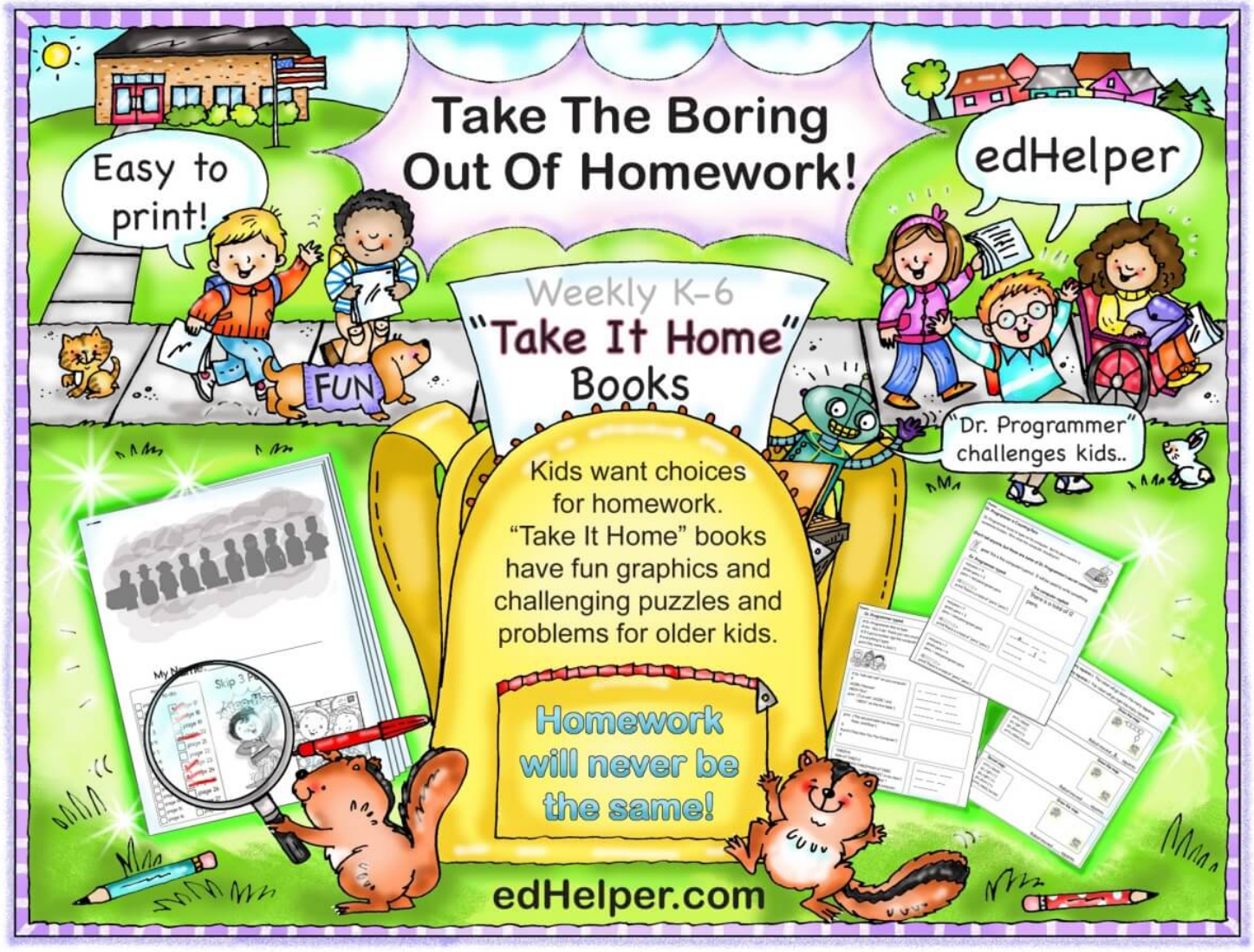
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