46	+7		-16		+58		-2		-21	
55										+6
-4										
										+12
-17										
										-11
+49										
										-14
-37										
										-15
+13										
										-18
-26										32
										-3
	-5		+38		-19		+9		+25	

Name: _____

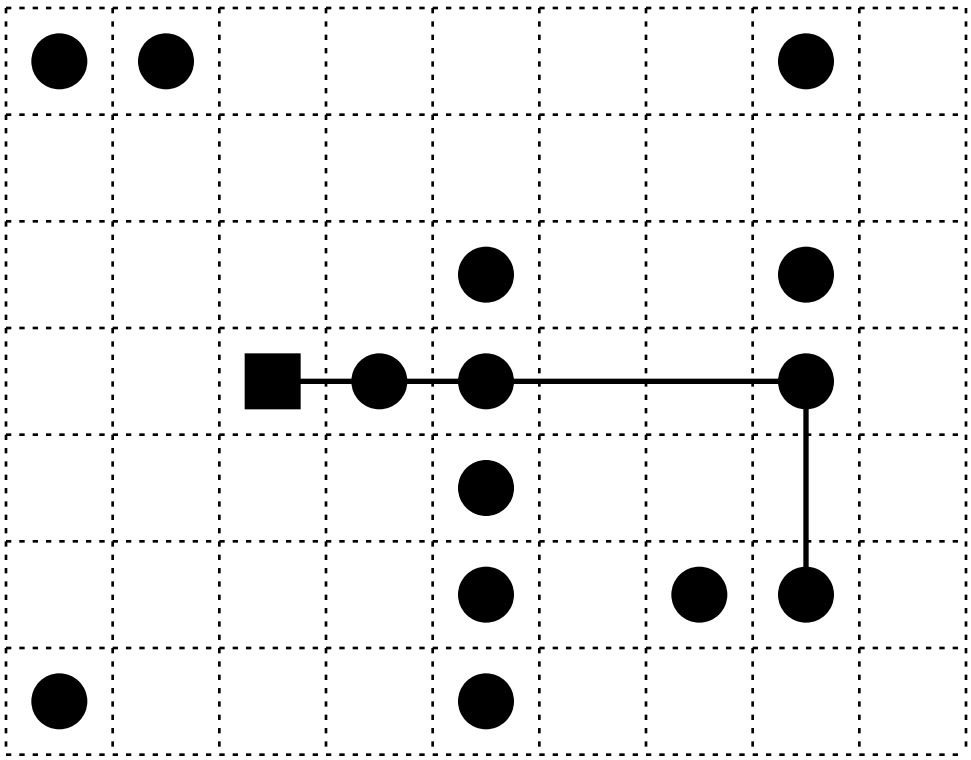
Pick 25 to do: Skip 2 pages.

☐ page 1	☐ page 7	☐ page 13	☐ page 19	☐ page 25
☐ page 2	☐ page 8	☐ page 14	☐ page 20	☐ page 26
☐ page 3	☐ page 9	☐ page 15	☐ page 21	☐ page 27
☐ page 4	☐ page 10	☐ page 16	☐ page 22	
☐ page 5	☐ page 11	☐ page 17	☐ page 23	
☐ page 6	☐ page 12	☐ page 18	☐ page 24	

Challenge Math

Book 38

Start on the square. Draw exactly 10 lines without picking up your pencil to connect all the circles.



Name: _____

Peter lives on a farm. He takes care of a flock of geese. If each goose eats eight ounces of cracked corn each day, how many ounces of corn will he need to feed seven geese for three days?

Amy picked 41 cherries Monday. She picked 39 cherries Tuesday. She needs 140 cherries for the cherry pie. How many more cherries does she need to pick?

Erin collects squishies. Before she started getting serious about collecting, she only had 6 of them. But now she has 39 squishies. She ordered 7 really big squishies online. They should be delivered next week on her birthday. And guess what? Next week on her birthday, she invited 5 friends over for a slumber party. In the invitation she said, "No gifts. Just give me 4 squishies."

On the day after her birthday, how many squishies will Erin have?

Show what 4 x 5 looks like by drawing an array. What is the answer?

word root **son** can mean **sound** **dissonance, dissonant, unison**

Name: _____

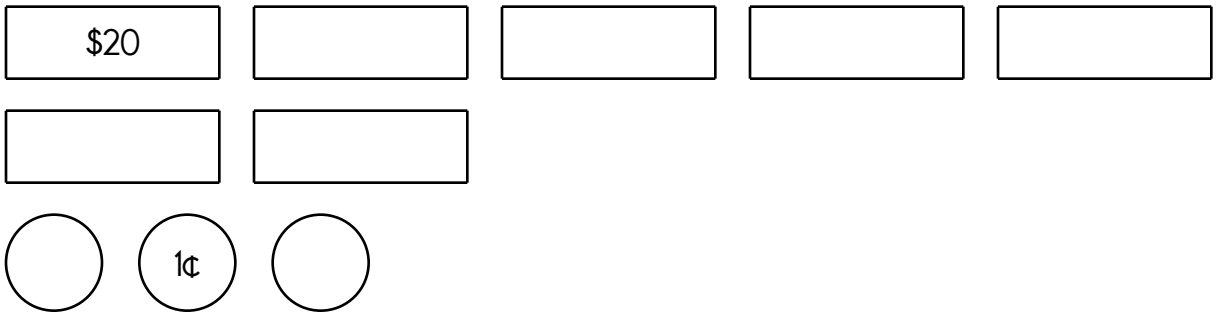
Jill, Anna, and Megan had a playdate together at Jill's house. The best thing in Jill's room was her collection of Giftstars, which were only the coolest new toy around.
"Can we play with your new outer space Giftstars?" asked Anna.
"Only if we can split up the Giftstars equally," added Megan.
Jill had no problem with that. She had more than enough to go around, and she shared her 36 Giftstars equally.
"Check out this one. Her name is Misty. She is a teacher," said Jill. "Hey, Anna and Megan, let's pick 4 of our Giftstars to be children and go to school."
Jill put Misty in the school along with 3 of her other Giftstars. Anna and Megan each choose 4 of their Giftstars to put into the school.
How many total Giftstars are currently at school?

School was over, and all the Giftstars went back to their owners.
Just then, Megan's mom was here to pick up Megan.
"Let's go. We have to hurry to dance class," said Megan's mom.
"Ok, Mom. Here, I'll split up my Giftstars," she said to her friends. She gave Jill and Anna each half of her Giftstars.
How many Giftstars does Jill now have?

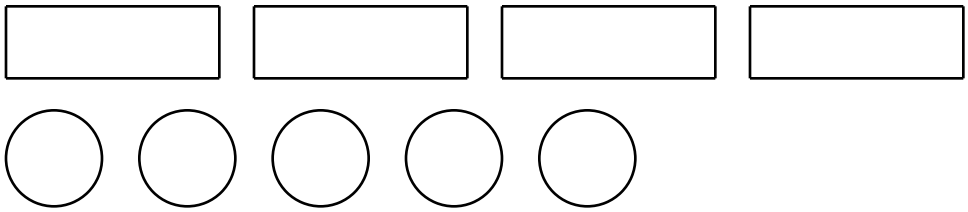
Name: _____

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

Use the fewest bills and coins to make $54.12.



Use the fewest bills and coins to make $51.42.



Use the fewest bills and coins to make $13.37.

Use the fewest bills and coins to make $21.48.

11 - 4 = ☐ 11 - 8 = ☐ 2 + 8 = ☐ 12 - 5 = ☐

Name: _____

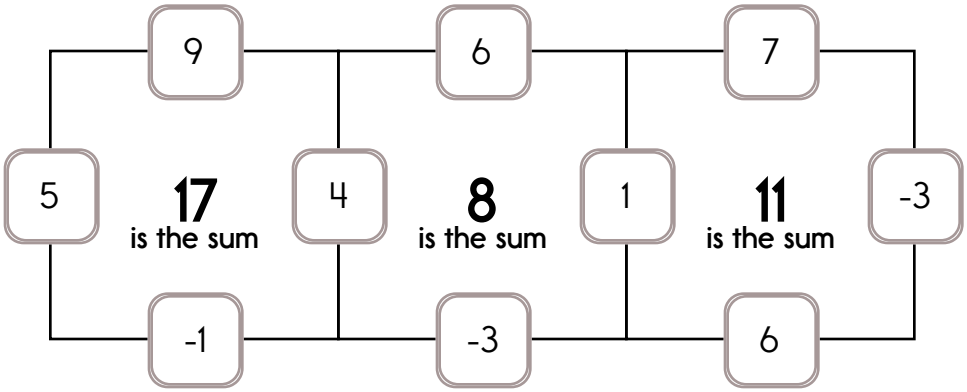
Mental break. Time to use a pencil for this more challenging page. Good luck!

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
5 + 4 + 9 - 1 = 17

Example:
1 + 7 + 6 - 3 = 11

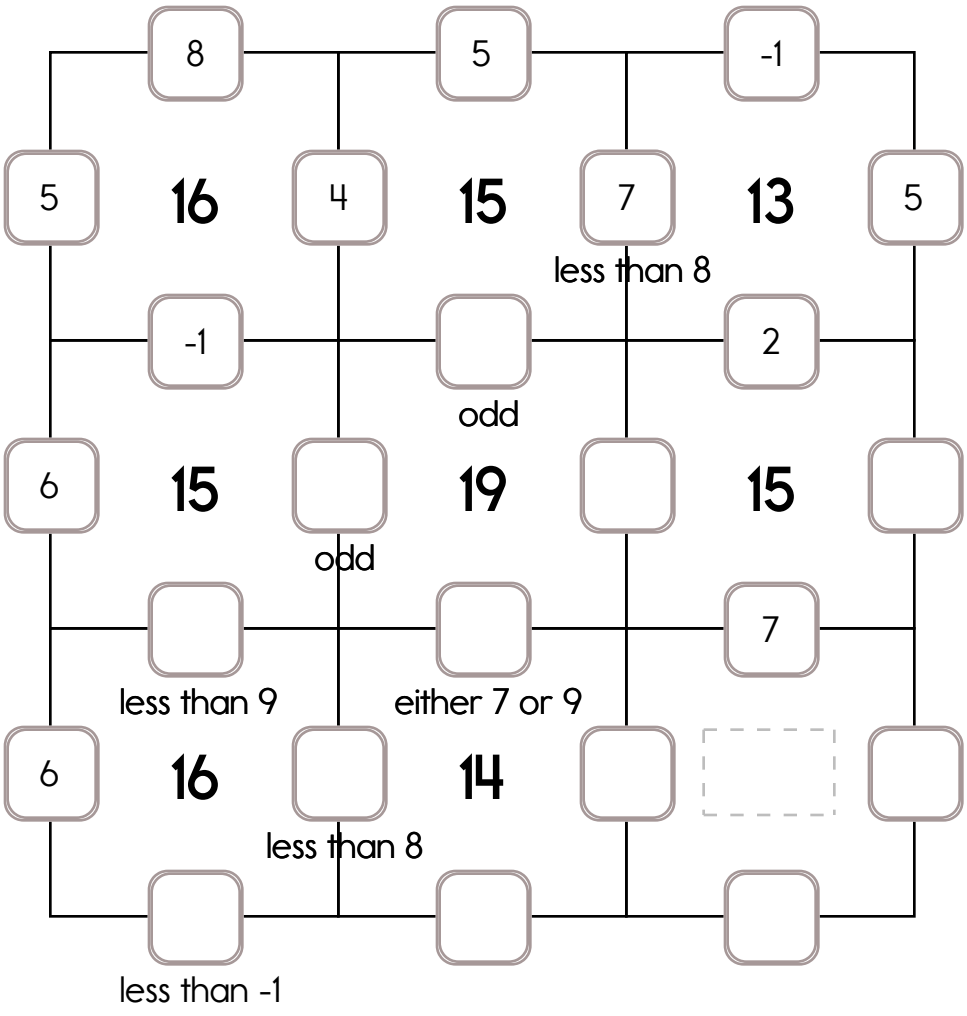
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: -1, -2, or -3.

The other three numbers have to all be DIFFERENT and must be from these: 1, 2, 3, 4, 5, 6, 7, 8, or 9.



I did page 5 I decided to skip this page

edHelper

Name: _____

Write this number:
7 thousands, 5 tens, 4 ones, 2 hundreds

6 - 4 + 2

double 200

$$\begin{array}{r} 58 \\ +\ 6 \\ \hline \end{array}$$

Write this number:
7 tens, 5 hundreds

double 40

F, K, _____, L, H, M, I, N, J, O, K, P, L, Q

9, 11, 13, _____, 17, 19, 21

$$\begin{array}{r} 49 \\ -\ 7 \\ \hline \end{array}$$

Name: _____

How many hours are there from 6 a.m. to 7 p.m.?

$$\begin{array}{r} 248 \\ -\ 83 \\ \hline \end{array}$$

Write this number:
4 thousands, 7 tens, 9 hundreds

9 + 3 - 4 + 5

2 less than 472

$$\begin{array}{r} 156 \\ +\ 30 \\ \hline \end{array}$$

60, _____, 80, 90, 100, 110, 120, 130, 140

6 more than 846

What number multiplied by six is thirty?

9 + 4 - 4 - 3 + 6

H, J, L, N, P, _____, T, V, X, Z

If you know
76 + 18 = 94
Then what is 76 + 15?

33, 38, 43, 48, _____, 58, 63

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

190, 200, 210, _____, 230, 240, 250, 260, 270

Name: _____

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

A

23	59	81
62	63	11
30	17	28

Find a subtraction fact.

B

35	15	99
9	39	58
7	81	50

Find a subtraction fact.

C

21	95	39
62	35	22
80	69	26

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	28	-	17	=	11
B		-	35	=	
C	95	-		=	

---

5 more than 575

6 + 3 - 6

$$\begin{array}{r} 79 \\ +\ 4 \\ \hline \end{array}$$

Write this number:
3 hundreds, 9 tens, 2 ones,
8 thousands

D, F, H, _____, L, N, P, R, T

6 - 5 + 3 + 4 + 3

Name: _____

There was a picnic at the beach on Sandcastle Day. Everyone could have a hot dog, a hamburger, or a corn dog. Seven people chose corn dogs, nine chose hot dogs, and seven chose hamburgers. What number is the mode?

Mrs. Hall drew some bubbles on cards. She put them in order. There were 4 bubbles on the first card. There were 8 bubbles on the second card. There were 12 bubbles on the third card. How many bubbles were on the fourth card?

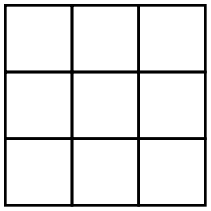
Emily bought some corn. She spent 4 quarters, 5 dimes, and 6 pennies. How much did the corn cost?

$$\begin{array}{r} 48 \\ -\ 11 \\ \hline \end{array} \qquad \begin{array}{r} 93 \\ -\ 62 \\ \hline \end{array} \qquad \begin{array}{r} 95 \\ -\ 56 \\ \hline \end{array} \qquad \begin{array}{r} 91 \\ -\ 21 \\ \hline \end{array}$$

13 + ☐ = 34

22 + ☐ = 37

Color in $\frac{1}{3}$.



Fill in the blanks with these numbers:
3, 2, 8

$$\begin{array}{r} \square\ 6 \\ 1\ \square \\ +\ 4\ 4 \\ \hline \square\ 3 \end{array}$$

Fill in the blanks with these numbers:
9, 5, 7

$$\begin{array}{r} 2\ \square \\ 1\ 7 \\ +\ 5\ \square \\ \hline 9\ \square \end{array}$$

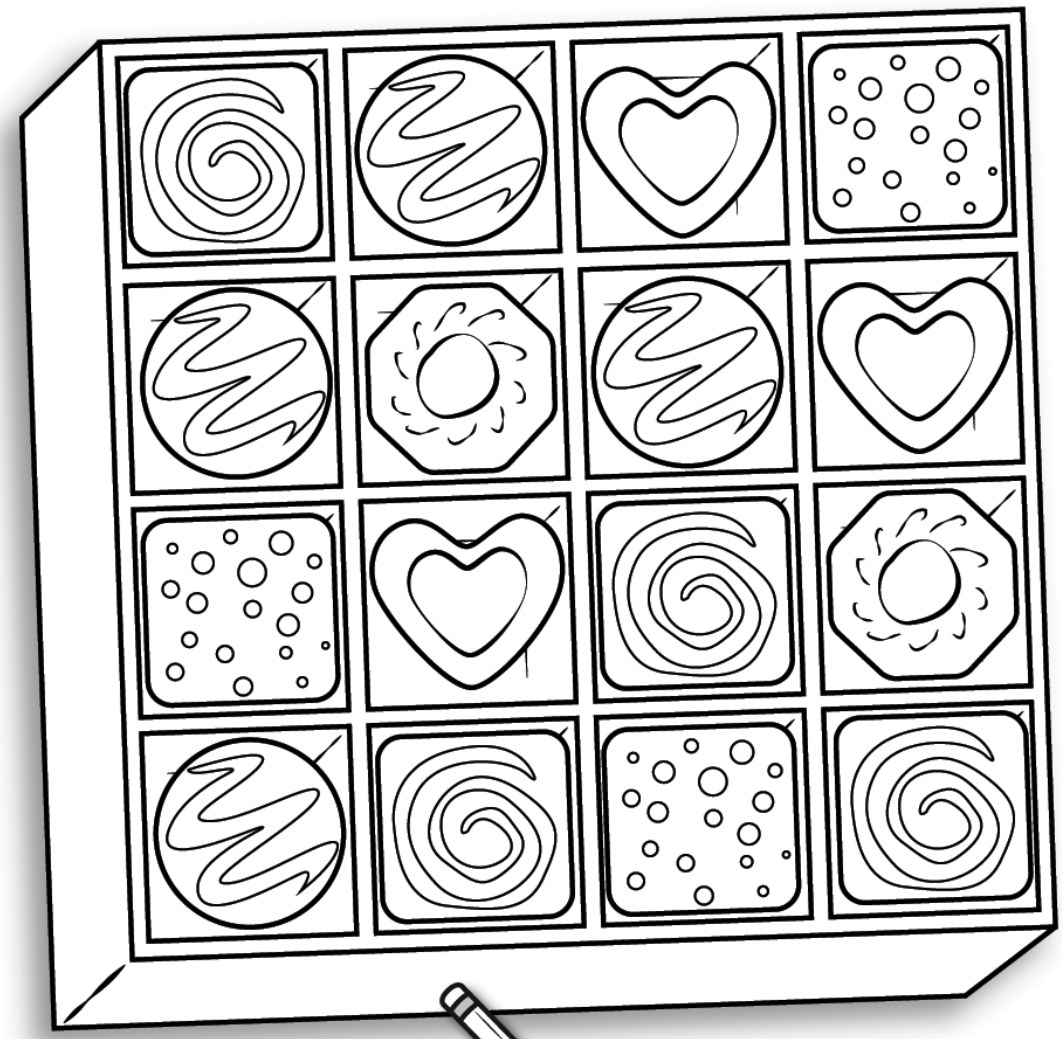
$$\begin{array}{r} 59 \\ +\ 56 \\ \hline \end{array} \qquad \begin{array}{r} 40 \\ +\ 54 \\ \hline \end{array}$$

$9\overline{)27}$

$2\overline{)4}$

word root **nov** can mean **new** **innovation, novelist, novice**

Name: _____



There are five different kinds of chocolates in the box. Pick a color for each different chocolate and write it on the lines below.

Color the chocolates above then fill in the pie chart to correspond with your picture.

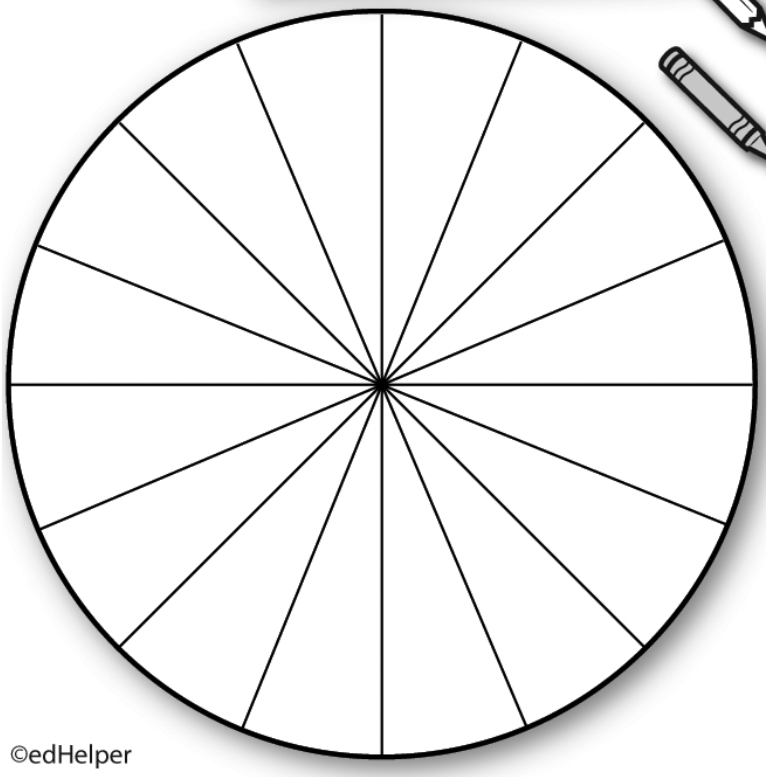
_____

_____

_____

_____

_____



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☐ I did page 10 ☐ I decided to skip this page

edHelper

Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$\begin{array}{r} 13 \\ +\ 10 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ +\ 10 \\ \hline \end{array}$	94, _____, _____, _____, _____, _____, 100
Draw 3 small squares. Then color in some to show $\frac{1}{3}$.	12 = ___ + 10 15 = ___ + 10 17 = ___ + 10	$\begin{array}{r} 5 \\ +\ 1 \\ \hline \end{array}$
6 - 2 - 2 + 6	62, 76, 90, 104, _____, 132, 146, 160	Write this number: 4 hundreds, 5 tens
C, G, K, _____, S, W	double 400	double 30

☐ I did page 11 ☐ I decided to skip this page

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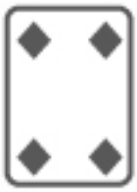
Name: _____

Spin again. **I needed to spin _____ time(s) to finish.**

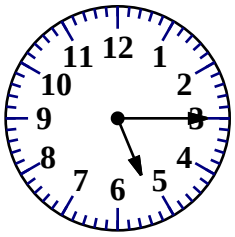
How many?



	4	6
+		2

How much is this?

What time is it?



___:___

Draw 4 small squares.

Then color in some to show $\frac{1}{2}$.

Mary has five tickets to the middle school play. She gave Maria a ticket. She gave two tickets to Emily. How many tickets does Mary have left?

A two-digit odd number has a 6 in the tens place. The sum of the ones and tens digits is 13. What is the number?

Anne took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

3 less than 853

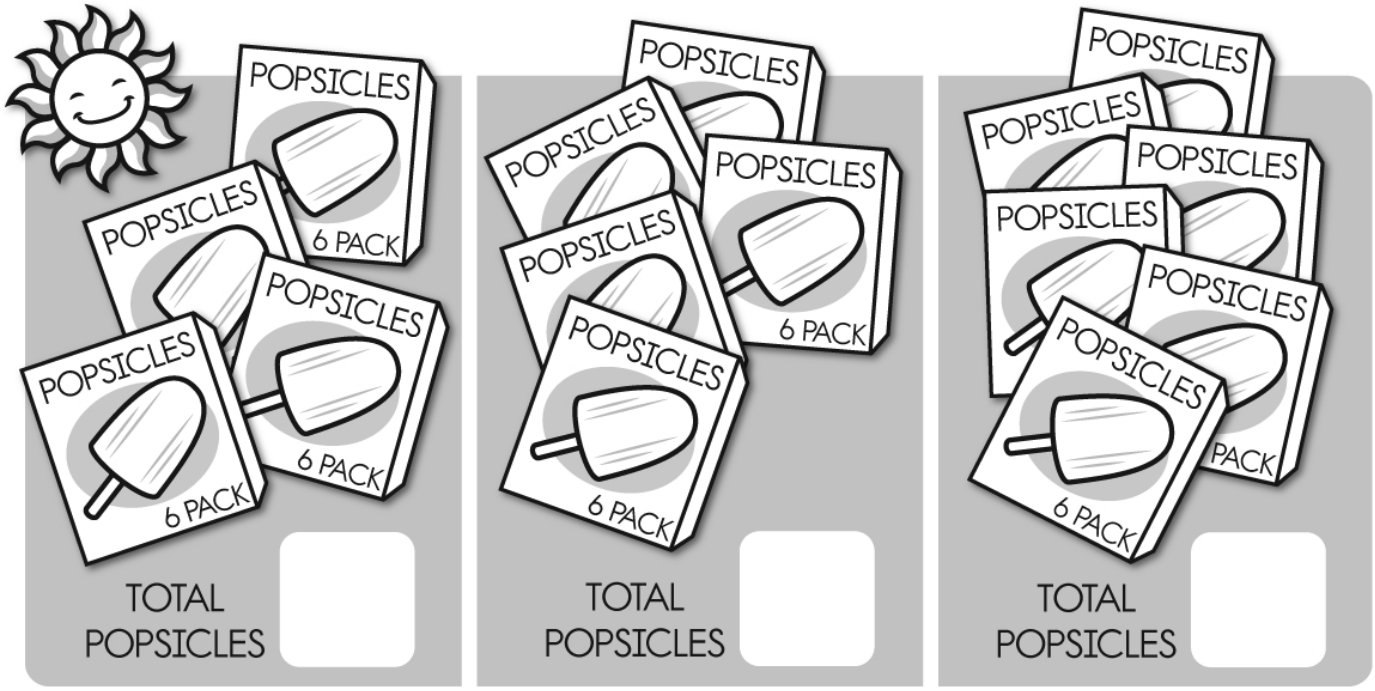
	7	7
-		9

95, 114, 133, 152, 171, 190,

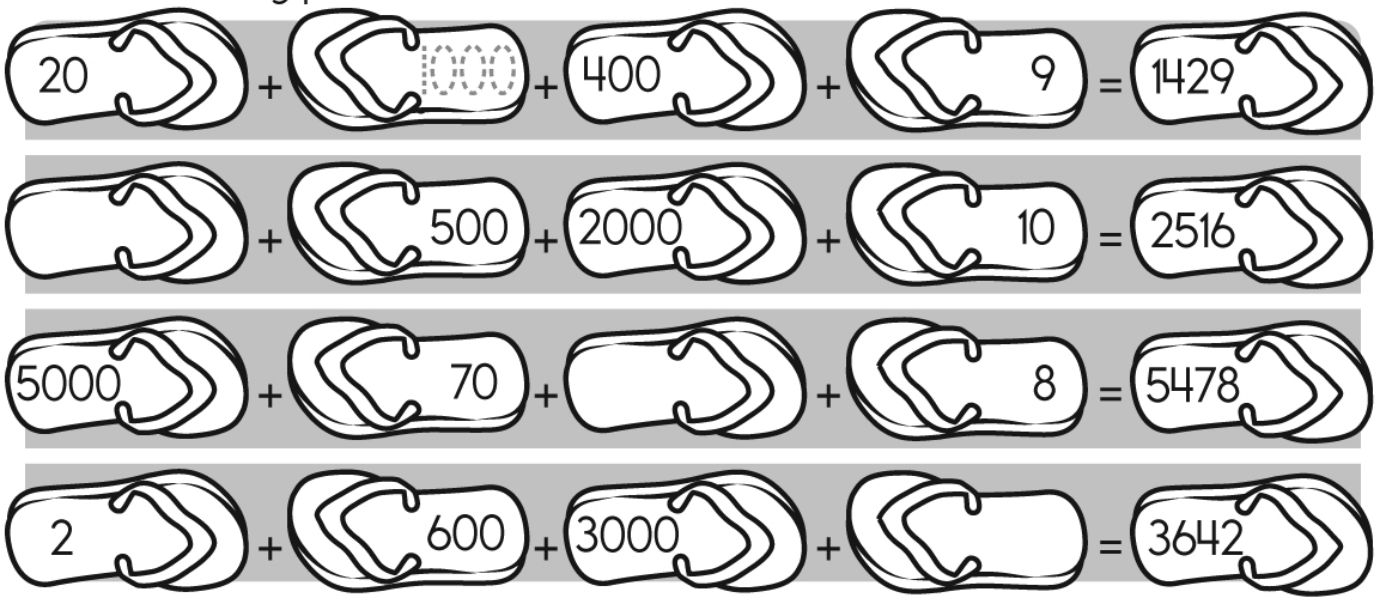
209, 228, _____, 266

Write this number:
4 hundreds, 8 tens

Name: _____

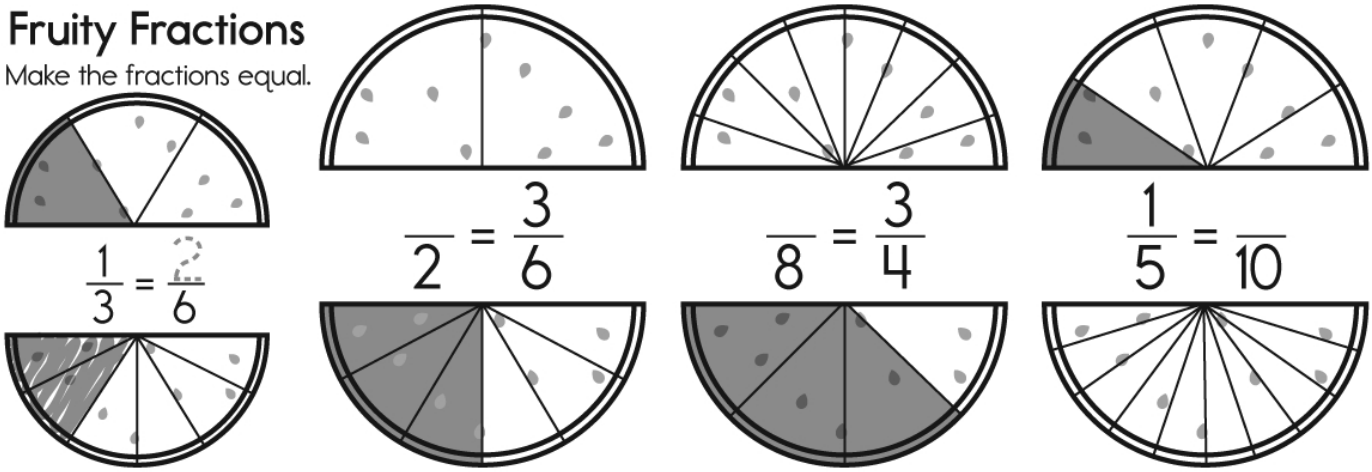


Find the missing place value.



Fruity Fractions

Make the fractions equal.



Name: _____

Puzzle:

5				22
5				18
				32
	5	5		26
28	24	18	28	+

Work Area:

5				22
5				18
				32
	5	5		26
28	24	18	28	+

The sum for each column and row is given.

= _____ = _____ = _____

Puzzle:

				25
				25
				25
				16
23	19	29	20	+

Work Area:

				25
				25
				25
				16
23	19	29	20	+

The sum for each column and row is given.

= _____ = _____ = _____

= _____ = _____ = _____

Name: _____

Billy was having the coolest birthday party. "Thanks for inviting me," said Jen to Billy. "Wait, wait!" yelled Billy to Jen who was leaving. "Before you leave, you have to play the crane game for your goodie bag."

Jen loved the crane. Before she knew it, Jason and Rachel were behind her waiting to play.

"I won! I won!" said Jen as she went to count her candy. She won 9 pieces of candy.

"I won! I won!" said Jason. He won 5 pieces.

"I won! I won!" said Rachel. She only won 4 pieces of candy.

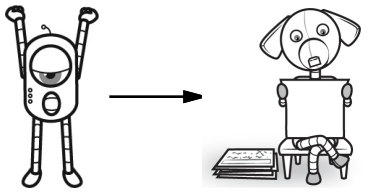
Jen could see a tear almost start to come out of Rachel's eyes. Before even thinking, she said, "Hey Rachel and Jason, want to share our candy evenly?"

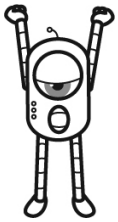
Everyone agreed! Rachel was so happy. How many pieces of candy did Rachel end up with?

Show your work.

Name: _____

Help Robot find Rover. You can only move to a box that has a missing digit of 5.
Draw a line to show your path.



	88 + 14 1□2	60 + 70 1□0	6□ + 65 129	22 + 4□ 63	59 + 5□ 111
3□ + 47 82	25 +□3 78	14 +□6 70	83 + 82 16□	12 + 7□ 87	7□ + 86 158
32 + 13 4□	47 +□3 60	7□ + 27 104	16 + 81 □7	95 + 6□ 160	1□ + 19 36
73 + 99 1□2	□9 + 28 77	66 + 58 12□	□4 + 32 66	76 +□9 135	45 + 11 □6
28 + 94 1□2	□1 + 90 111	26 +□4 110	81 + 64 □45	55 + 25 □0	12 + 8 70

Name: _____

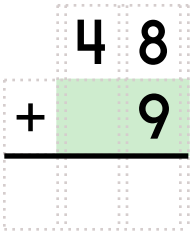
Max has a book of poetry. He has read to page 110 in his book. There are 57 more pages in the book. How many pages are there in all?

There were 51 cups of yogurt on the shelf. Miss Hernandez bought 23 cups. How many cups were left?

Jenna had 9 books about frogs. She received more books for her birthday. Now she has 15 books about frogs. How many books about frogs did she receive for her birthday?

If you know
70 + 32 = 102
Then what is 70 + 30?

14, 16, _____, 20, 22,
24, 26, 28



It is 41 miles from Ava's house to Maryville. It is 18 miles farther to the zoo. How far is it to the zoo from Ava's house?

A can of Play-Doh costs 4 nickels. How many pennies have the same value as 4 nickels?

Hannah bought some corn. She spent 4 quarters, 2 dimes, and 5 pennies. How much did the corn cost?

32, 36, _____, 44, 48,
52

double 80

H, J, L, N, P, R, T,
_____, X, Z

Name: _____

Mr. and Mrs. Taylor are remodeling their house. The bathroom in the hallway will have a special bathtub in it. The bathtub has a door on the side so Grandmother Taylor can get into the bathtub from her wheelchair. The bathtub is 5 feet 4 inches long and 4 feet 1 inch wide. What is the perimeter of the bathtub?

Gavin and Emma drew a picture of a dinosaur on the school parking lot. The picture was as big as the real dinosaur! They used three boxes of sidewalk chalk to color in the dinosaur. Each box had twelve pieces of chalk. How many pieces of chalk did they use to color in the dinosaur?

What number multiplied by four is twelve?

Write this number:
3 ones, 9 hundreds, 5 tens

7 - 4 + 1 - 2

Mrs. Anderson makes baby quilts for the Cozy Cuddles Club. The club donates the quilts to the shelter. Last year she made 3 quilts each month. How many quilts did she make in the whole year?

Connor and Wendy were playing Scrabble. There were 15 tiles left to draw. Connor drew 3 tiles. Wendy drew 3 tiles. What fraction of the tiles is left?

Buzzy the Honeybee estimated that it takes 43 bees working for 8 days to make one pound of honey. If he is right, how many bees does it take to make 6 pounds of honey in the same number of days?

$$\begin{array}{r} 178 \\ +\ 72 \\ \hline \end{array}$$

$$\begin{array}{r} 146 \\ -\ 94 \\ \hline \end{array}$$

5 more than 675

Name: _____

Show your work.

"John likes to repeat," explains Sally.

"Correction!" interrupted John. "I like to make patterns."

"Alphabet, Soup, Tastes, Good, Alphabet, Soup, Tastes, Good, Alphabet, Soup, Tastes, Good," continues John.

"How long are you going to keep this up?" asks Sally.

"I'll stop if you tell me what will be the 26th word I say."

"Great! Okay, I lied. I'll stop if you tell me what will be the 151st word. Seriously. If you can! Maybe some math will help you figure this out?"

Name: _____

EXTREME
Color by Subtraction
206 = red
299 = orange
305 = yellow
388 = green
404 = blue
477 = purple
503 = brown
566 = tan/peach
602 = black
708-409
726-249
675-271
815-427
601-296
781-476
777-389
611 -405
698-310
594-206
HAPPY MOTHER'S DAY!
810-505
732-328
801-235
672-284
741-353
803-326
487-281
629-225
812-513
731-228
675-198
895-293
731-228
785-219
815-516
693-127
818-513
903-400
717-313
548 -243
423-217
503-297
724-518
720-421
956-390
695-291
733-345
716-312
643 -166
618-141

Name: _____

Cross off the letter that does NOT belong.

A, A, I, I, I, A, A, I, I, A, A, I, I

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

32, 32, 39, 47, 46, 62, 53, 77, 60, 92, 67, 107, 89, 74, 122

Why does _____ not belong in the pattern?

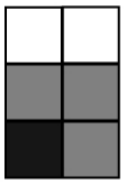
Name: _____

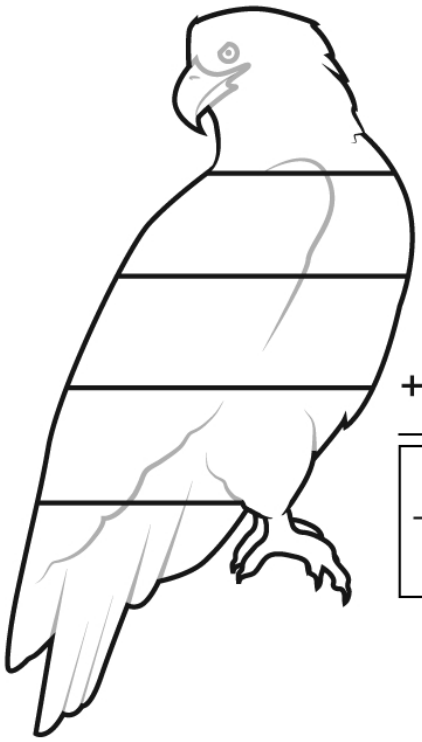
Memorial Day
Adding Fractions

Color each picture according to the fractions.
Write a fraction in the box that represents how much you have colored.

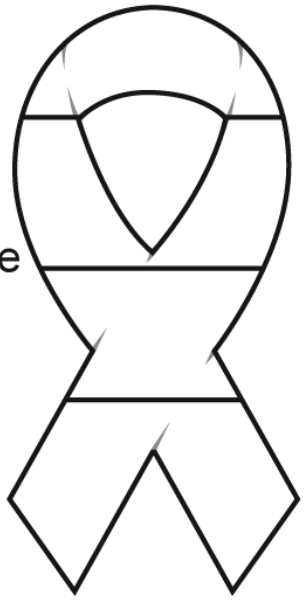
$\frac{1}{6}$ black
$+\frac{3}{6}$ gray
$\frac{4}{6}$

example:



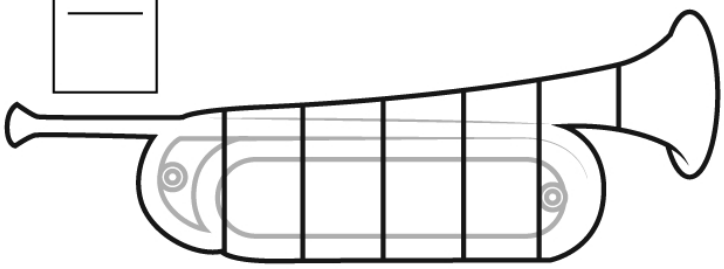


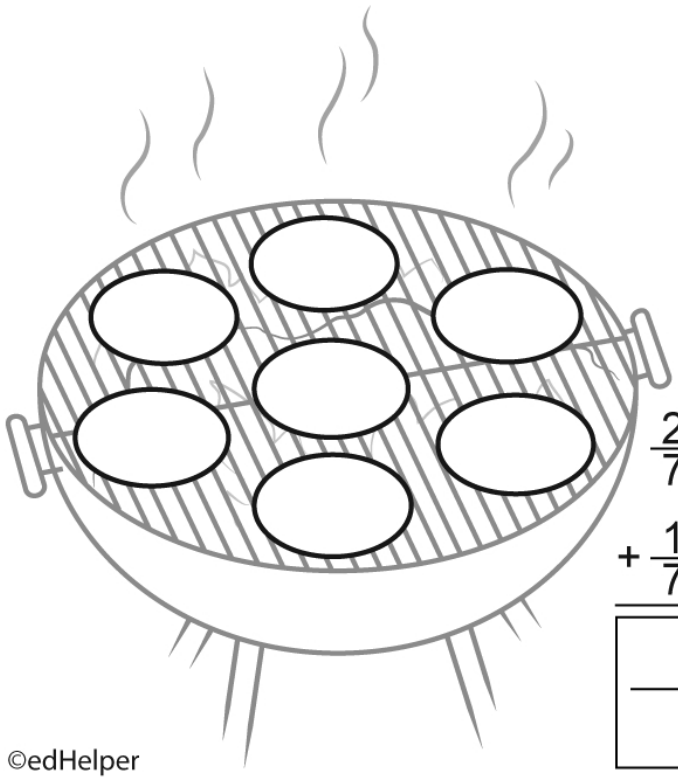
$\frac{2}{5}$ blue
$+\frac{2}{5}$ red
$\frac{\quad}{\quad}$



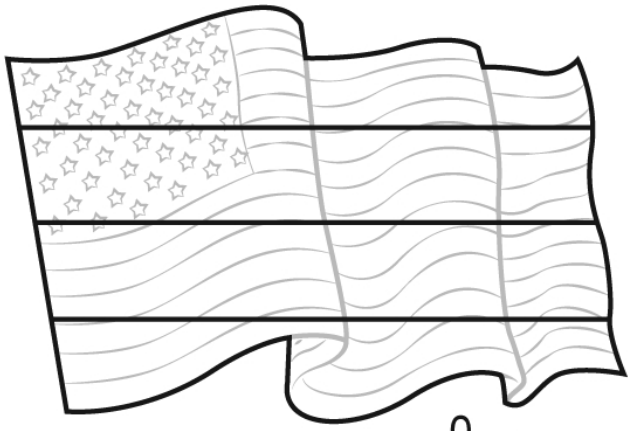
$\frac{1}{4}$ blue
$+\frac{3}{4}$ red
$\frac{\quad}{\quad}$

$\frac{4}{7}$ blue
$+\frac{1}{7}$ red
$\frac{\quad}{\quad}$





$\frac{2}{7}$ blue
$+\frac{1}{7}$ red
$\frac{\quad}{\quad}$



$\frac{0}{4}$ blue
$+\frac{2}{4}$ red
$\frac{\quad}{\quad}$

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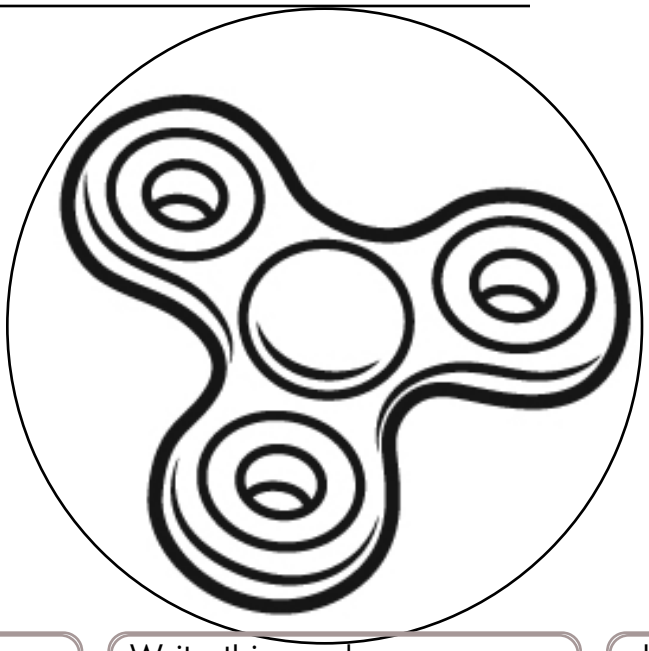
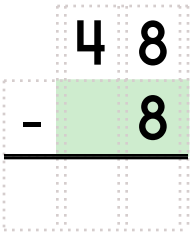
Name: _____

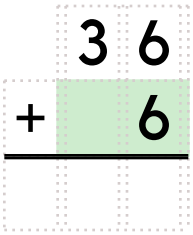


9 + 5 - 5	Write this number: 6 thousands, 5 hundreds, 8 tens, 9 ones	double 800
33 + 33 + 33 + 33 + 33 Change this into a multiplication problem. ___ x ___	6 + 2 - 1 - 1 + 4	How many hours are there from 9 a.m. to 11 p.m.?
How many hours are there from 7 a.m. to 9 p.m.?	5 - 4 + 1 + 1	Write this number: 2 thousands, 3 ones, 8 hundreds, 4 tens

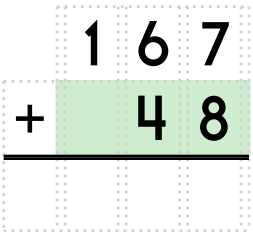
Name: _____



I, K, M, O, Q, S, U,
_____, Y



Write this number:
8 tens, 5 thousands



If you know
87 + 35 = 122
Then what is 87 + 33?

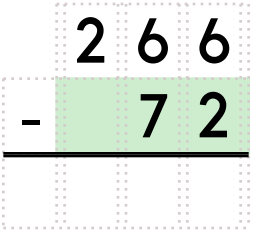
double 60

O, O, C, C, O, O, C,
C, O, O, _____, C

A, D, G, J, M, P,
_____, V, Y

Write this number:
9 ones, 4 hundreds, 8 thousands

6 - 5 + 3



double 700

6 more than 856

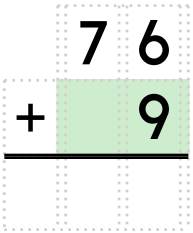
5 - 4 + 3 + 4 + 5

Name: _____

April is putting together goodie bags for her birthday party. She invited 7 friends, and everyone can come except for Rose. At the party store, she bought 19 stickers. She wants to give everyone an equal number of stickers. How many should she put into each goodie bag?

Write this number:
8 tens, 2 hundreds

3 less than 573



7 - 3 + 5

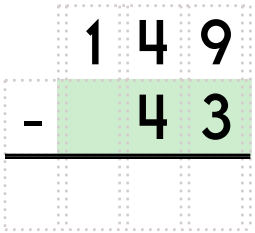
3 less than 543

Write this number:
3 tens, 6 ones, 4 hundreds, 9 thousands

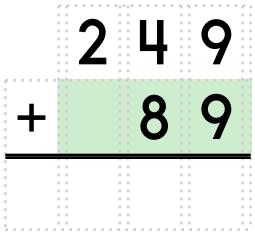
word root **enni** can mean **year** **bicentennial, centennial, perennial**

Name: _____

Alex and Rose have the same amount of money. Alex has 12 nickels and 6 dimes. If Rose has 4 dimes, then how many nickels does she have?

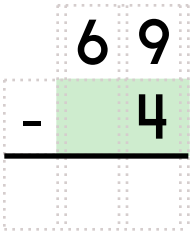


Write this number:
5 ones, 9 tens, 2 hundreds



70, 80, 90, 100, 110,
120, _____, 140

5 more than 375



Change the present tense verb to the past tense.
hang

_____

Expand the number.

734 = _____ + _____ + 4

Name: _____

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

54, 48, 42, 36, _____, _____, 18, 12, 6

78, 72, _____, _____, 54, _____

90, 84, _____, _____, 66, _____, 54, 48, 42

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

If

1 , 1 = 1

2 , 2 = 4

3 , 3 = 9

4 , 4 = 16

Then

5 , 5 = ?

If

3 , 3 = 9

4 , 4 = 16

5 , 5 = 25

6 , 6 = 36

Then

7 , 7 = ?

Name: _____

Holly bought a card for $1.29 for her mailman. The clerk gave her two dimes and one penny in change. How much money did she give the clerk?	Amanda has 3 coins. They equal 75¢. What coins does Amanda have?	Mr. Young gave each of his 3 children 29 pennies. How many pennies did he give his children in all?

Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 4.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 6.

Here is an example of a sudoku sum of 6:

3	3

	2	4	
			3
	3		
4			

$$\begin{array}{r} 6 \\ 7 \\ +\ 9\ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times\ 8 \\ \hline \end{array}$$

Underline the effect in the sentence.

She got paint in her hair when her headband fell out.

Underline the adverb. Circle the verb.

He crunched his candy loudly.

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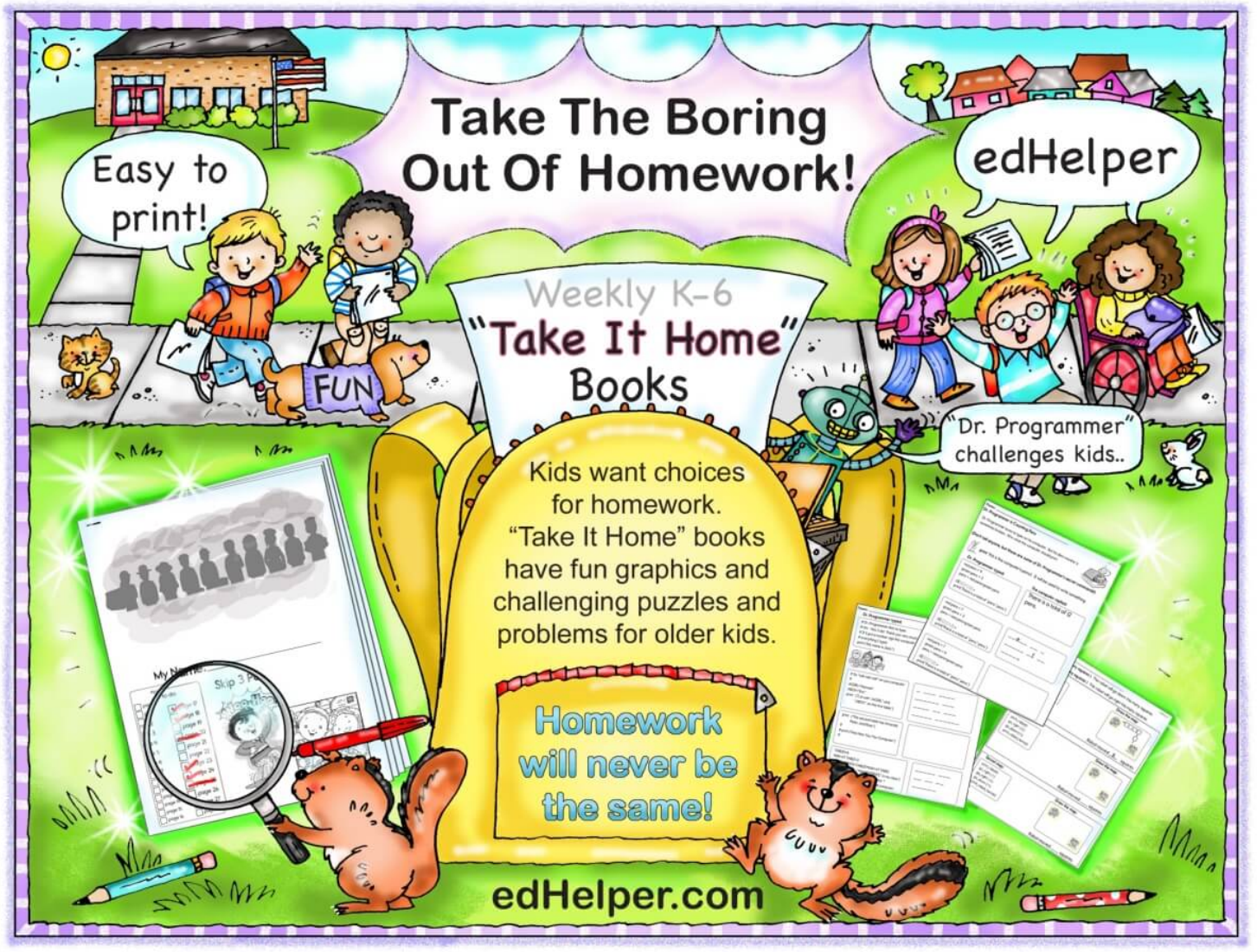
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