3	+6		-5		+7		-3		+8	
11										-5
+2										+9
-6										-1
+4										-2
+4										-6
-9										+4
										15
+9										-13
	-5		-7		-1		-7		+25	

Name: _____

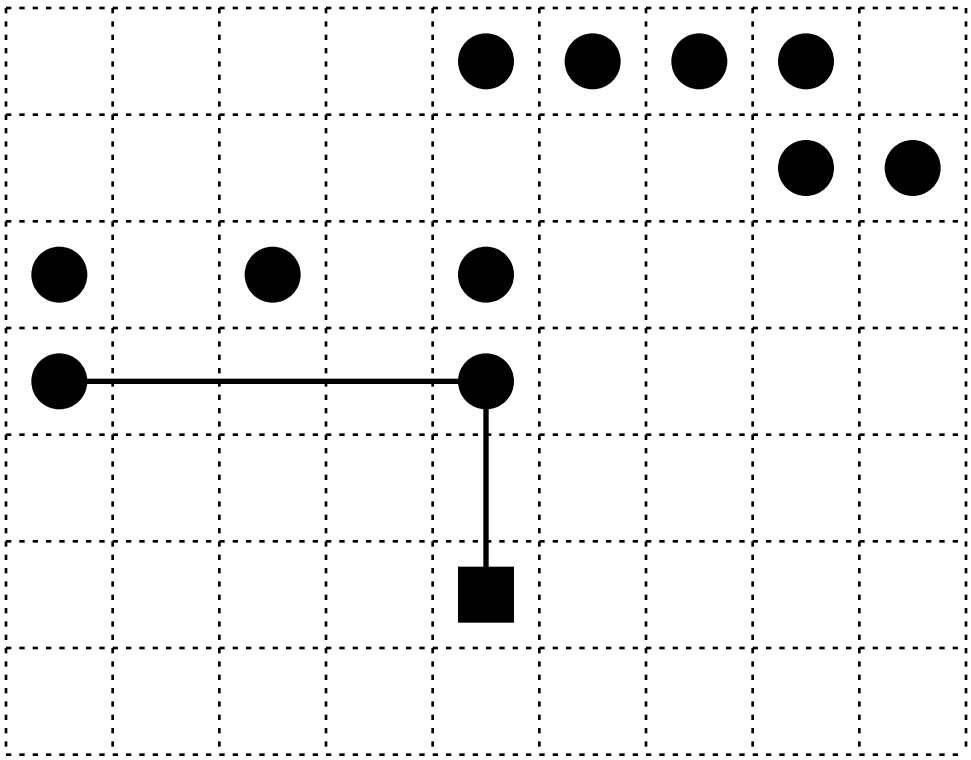
Pick 24 to do: **Skip 2 pages.**

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

Challenge Math

Book 34

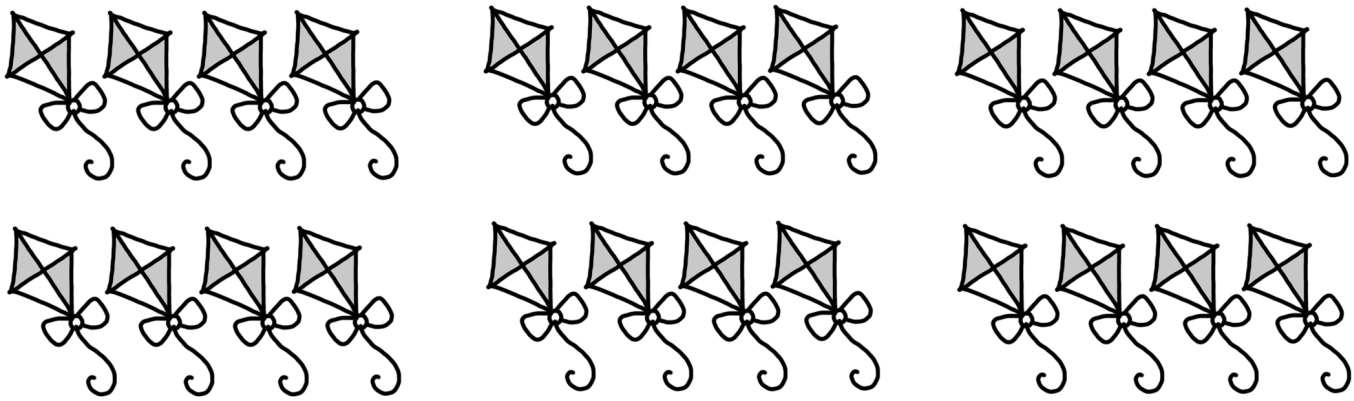
Start on the square. Draw exactly 8 lines without picking up your pencil to connect all the circles.



Name: _____

Use the pictures to help fill in the blanks.

2+2+2=___ 2 x 3=___



4+4+4+4+4+4=___ 4 x 6=___

Use the numbers to make 3 equations.

4 3 8 6 2 7

___ x ___ = 24

___ x ___ = 21

___ x ___ = 16

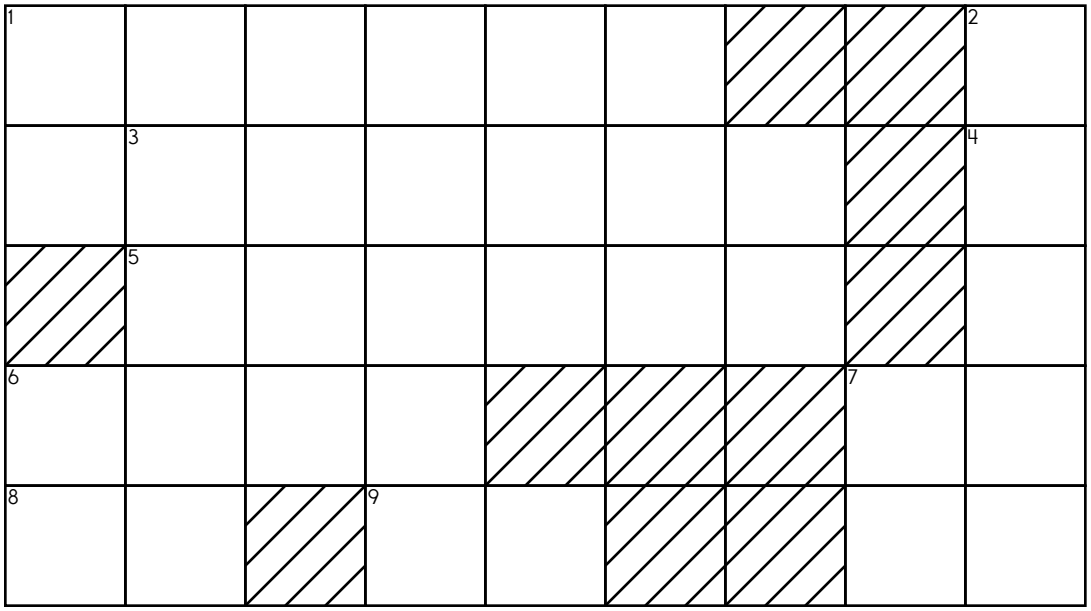
Name: _____

ACROSS

1. **two hundred sixteen thousand two hundred forty-two**
2. Sum of digits of 9-Across
3. Nine less than 1-Across
5. Four less than 3-Across
6. the tens in 9-Across + the thousands in 5-Across + the hundreds in 1-Across
8. **5 + 18**
9. **9 + 15**

DOWN

1. **3 + 17**
4. **one thousand six hundred seventy**
7. **6 tens and 9 ones**



73 + 85	72 + 62	51 + 62	19 + 78

How many tally marks?

𝍸 ||

_____

Count by fives.

20 _____ _____ _____ 40 _____

Four is an odd number.

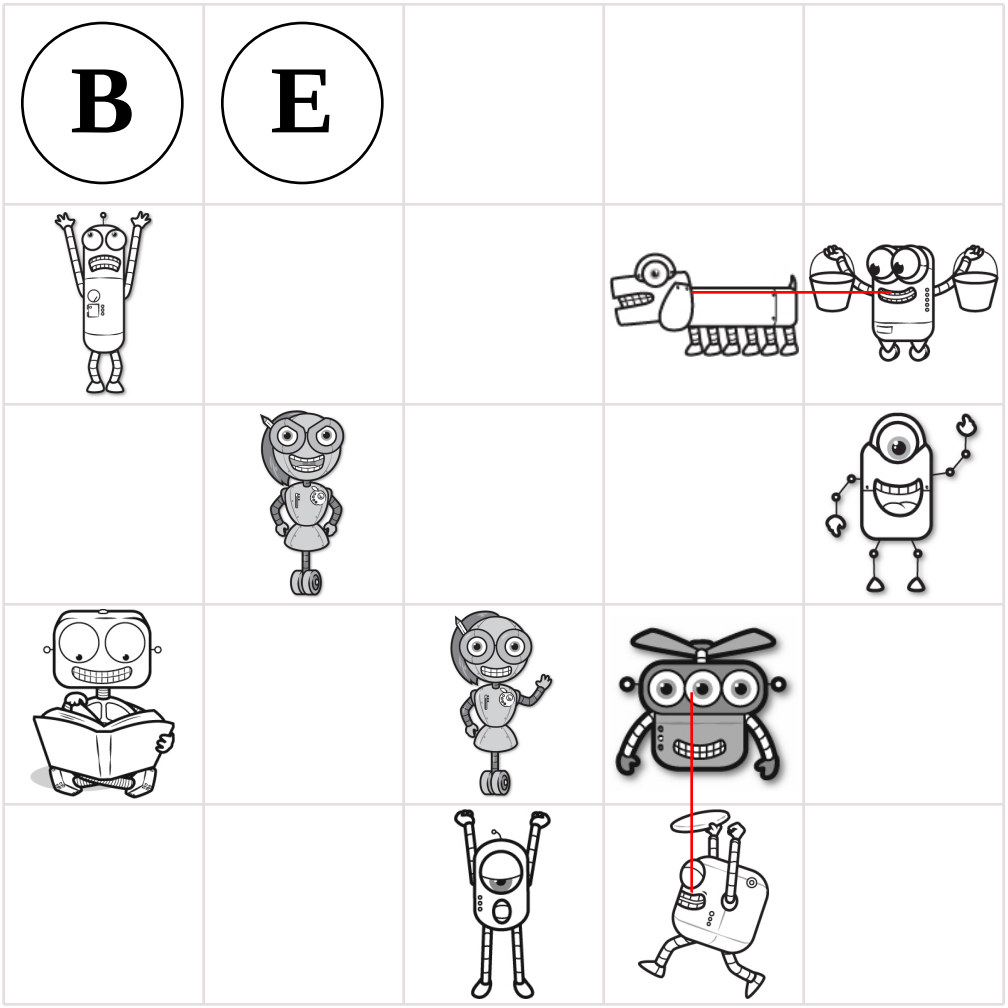
yes no

96
- 60

Name: _____

Pick up all of the robots from the game board. 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 robot or the E circle. No stopping on an empty box.** Try to collect all the robots and finish your last line on the **E** circle. You can go through a robot more than once.

Part of the line has already been drawn for you.



Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).

Name: _____

FUN BREAK!

Play a game online!

edHelper.com/math-games.htm

I PLAYED ONE GAME

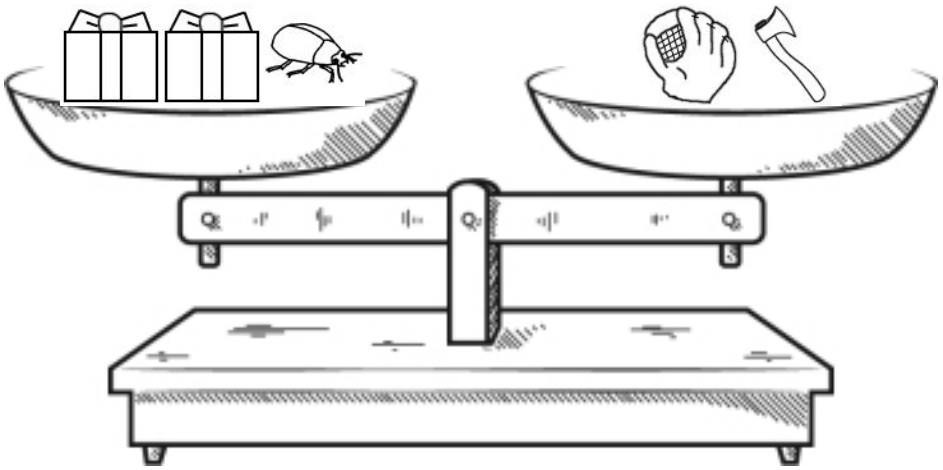
☐ (Check the box after you play.)

MY SCORE

_____

1 7 + 5 1	1 3 + 1	17 + 2 = ___
What comes before and after? ___, 90, ___ ___, 108, ___ ___, 136, ___	48 = __ tens + __ ones 24 = __ tens + __ ones 38 = __ tens + __ ones 50 = __ tens + __ ones	4 + 9 - 2 = ___ 7 - 5 + 8 = ___

Name: _____



It may help to give values to pictures.

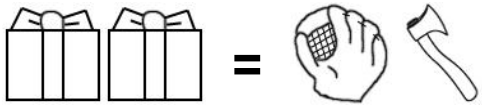
= 13

= 11

= 19

= _____

You should only mark TRUE if you are absolutely sure it is correct!



☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

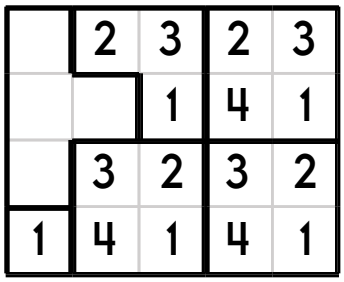
Did you find that two are true? If not, look again!

word root **anim** can mean **spirit or life** **animate, equanimity, inanimate**

Name: _____

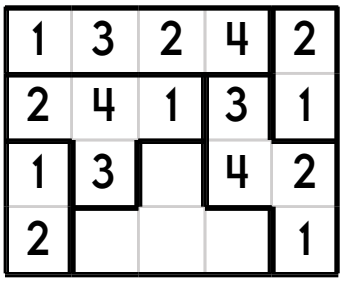
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:
A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.



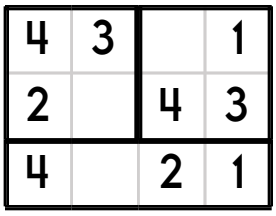
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 4 2 1



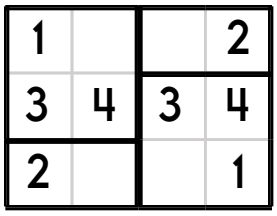
An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

4 1 3 2



Hint - These numbers are missing:

2 1 3



Hint - These numbers are missing:

1 2 1 2

Name: _____

Sudoku Sums of 3

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 3.

Here is an example of a sudoku sum of 3:

1	2

2			1
			4
	1		

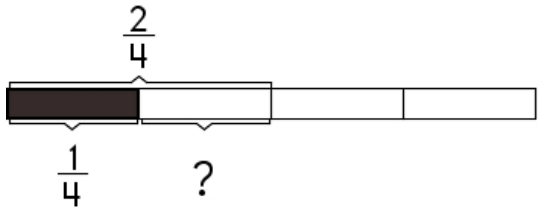
Sudoku Sums of 9

The sudoku sums in this puzzle is 9. Use the numbers 1 through 6.

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

Name: _____

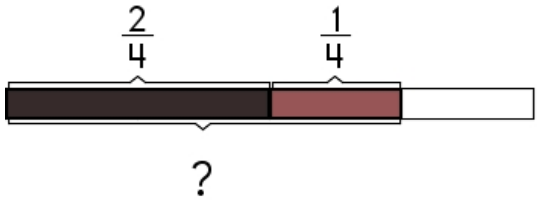
What is $\frac{2}{4} - \frac{1}{4}$?



$\frac{4}{1}$ $\frac{1}{4}$ $\frac{6}{4}$ $\frac{2}{4}$

Skill: Fractions Challenge

What is $\frac{2}{4} + \frac{1}{4}$?



$\frac{3}{8}$ $\frac{3}{4}$ $\frac{1}{4}$ $\frac{5}{4}$

Skill: Fractions Challenge

Draw a line to match each problem with the same answer.

4 sevens	●	●	6 sevens
6 + 6 + 6	●	●	3 sixes
6 x 7	●	●	7 + 7 + 7 + 7

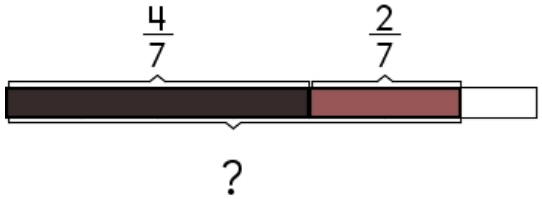
Skill: Multiply 6,7

The number 990 in word form is nine hundred ninety. What is the number 9,900 in word form?

- nine thousand, nine hundred
- nine hundred nine
- ninety-nine thousand

Skill: Place Value and Large Numbers

What is $\frac{4}{7} + \frac{2}{7}$?



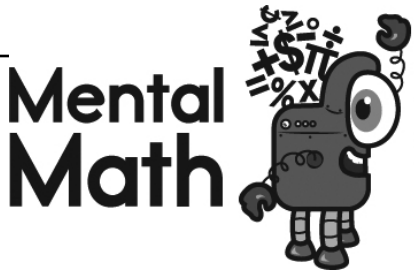
Skill: Fractions Challenge

☐ I did page 9 ☐ I decided to skip this page

edHelper

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?



imagine 6 in your head add 5 Write the number. ____ ____ A B	imagine 7 in your head subtract 3 add 7 Write the number. ____ ____ C D	imagine 7 in your head add 9 add 7 Write the number. ____ ____ E F	imagine 9 in your head subtract 4 add 1 subtract 5 Write the number. ____ G

What is the sum?

A + B + C + D + E + F + G

____ ____

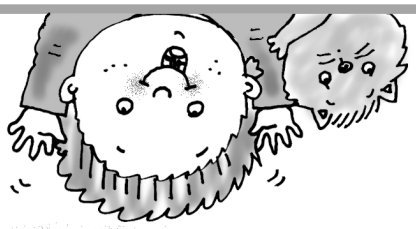
Wow! Great job! That's the answer, but do you know how to SPELL the number?

____ ____ **n**____

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

Name: _____

Write three words that rhyme with "cloud."



_____

_____

_____

Write in the > or < sign.

16 99

86 72

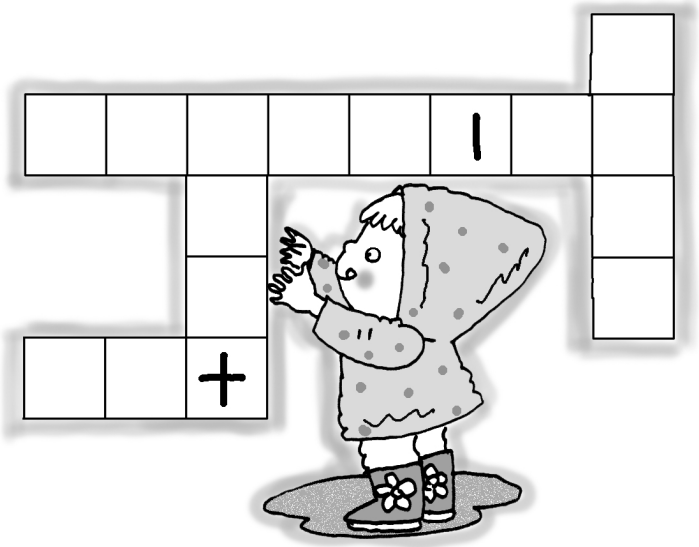
34 55

125 152

Write these words into this crossword.

boot umbrella

rain hat



Cross out any words that cannot be spelled using the letters in...

raindrops

naps spark

soap drip

rails nips

Name: _____

Cross off the letter or number that does NOT belong.

9, J, 3, 9, J, 3, 9, J, 3, 9, J, 3, J, 9

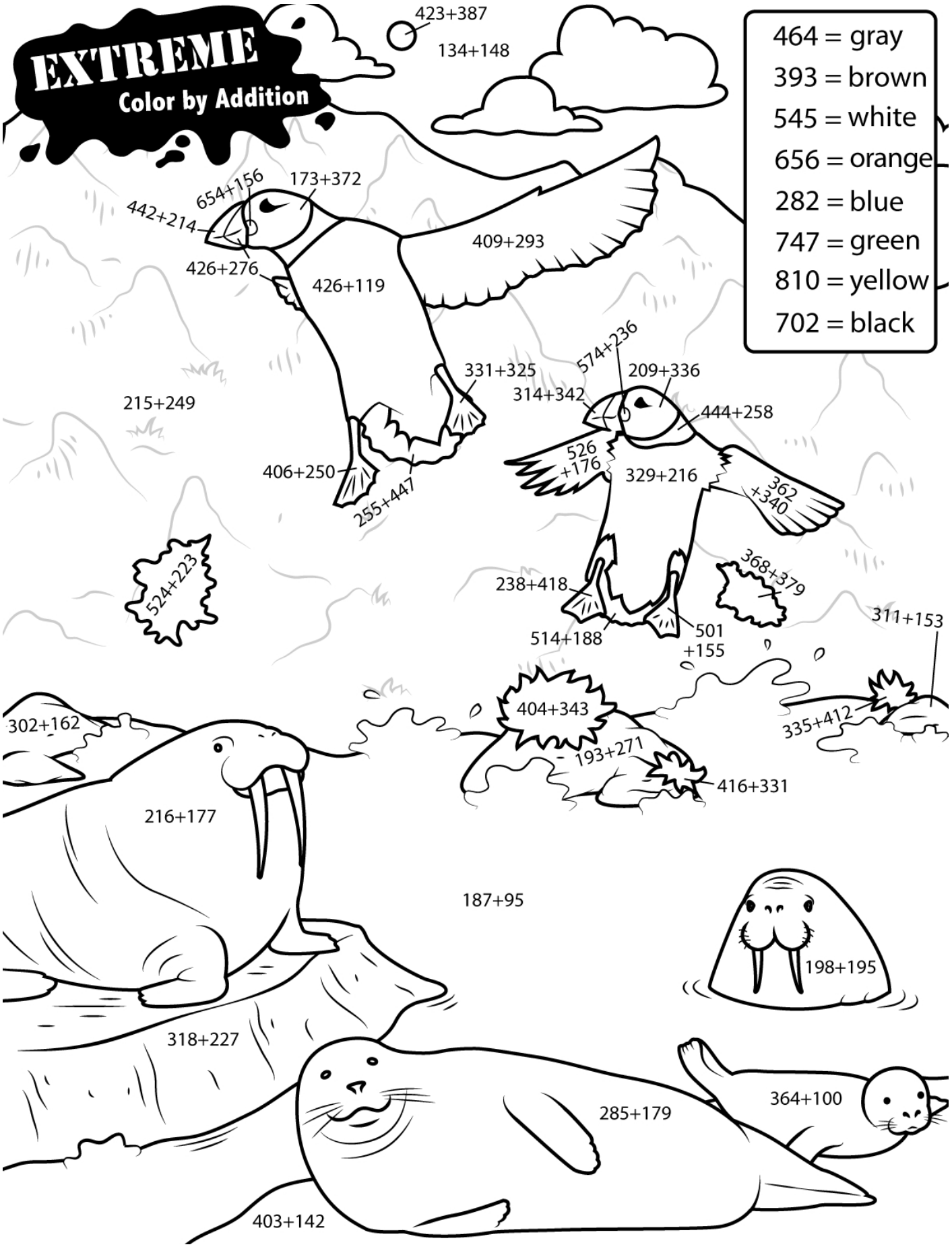
Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

40, 58, 76, 93, 94, 112, 130, 148, 166, 184

Why does _____ not belong in the pattern?

Name: _____


EXTREME
Color by Addition
464 = gray
393 = brown
545 = white
656 = orange
282 = blue
747 = green
810 = yellow
702 = black
423+387
134+148
654+156
173+372
442+214
426+276
409+293
426+119
331+325
574+236
209+336
314+342
444+258
215+249
406+250
255+447
526 +176
329+216
362 +340
524+223
238+418
368+379
514+188
501 +155
311+153
404+343
335+412
302+162
193+271
416+331
216+177
187+95
198+195
318+227
285+179
364+100
403+142

Name: _____

There are four hundred seventy-four students at Gavin's school. They could choose to go to a magic show, or they could choose to go to a basketball game. Two hundred of the students are going to the magic show. How many are going to the basketball game?

Ava and her family went to Australia. Ava wanted to see some kangaroos. The first day she didn't see any kangaroos. The second day she saw three kangaroos. The third day she saw four kangaroos. The fourth day she saw thirteen kangaroos! How many kangaroos did Ava see in all?

Amy went to the store. She bought a box of dog biscuits. There were thirty biscuits in the box. She gave her dog Marky four biscuits. She gave her dog Ginger one biscuit. Ginger is a little dog. She gave her dog Ace six biscuits. Ace is a very big dog! How many biscuits are left in the box?

There were 16 pieces of birthday cake. After the picnic there were 4 pieces of cake. How many pieces of cake were eaten?

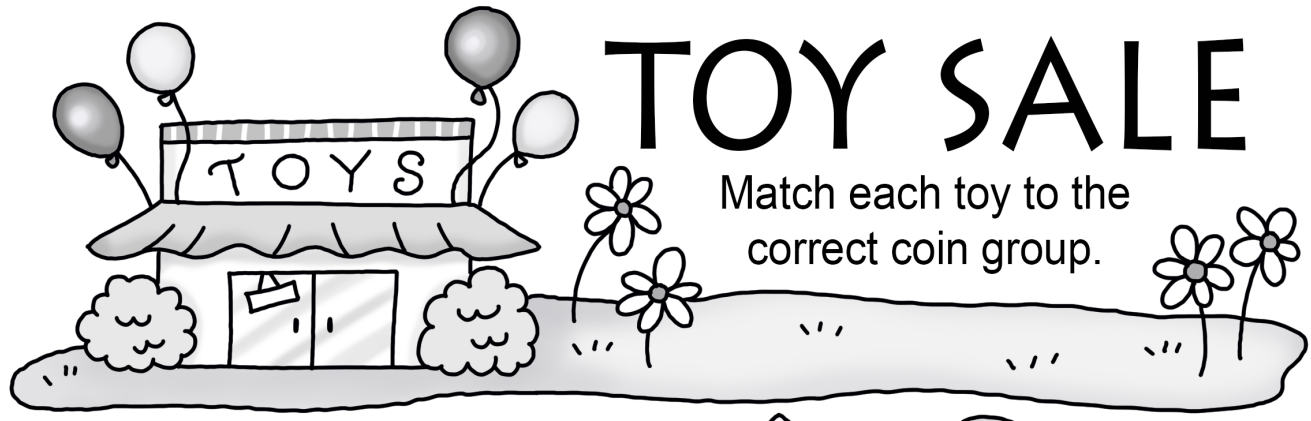
71	17	38	10	49	30
+ 14	+ 54	+ 81	+ 59	+ 57	+ 21

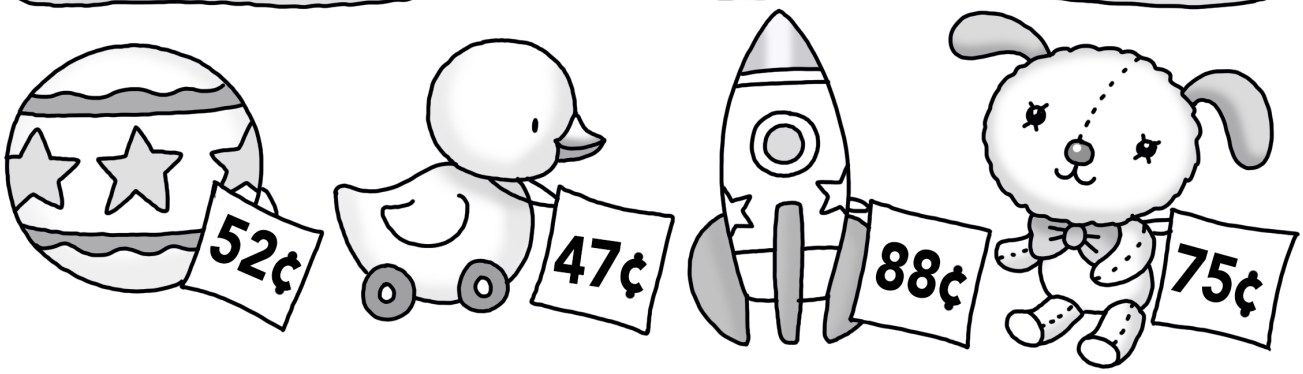
word root **equi** can mean **equal or fair** **equivocate**

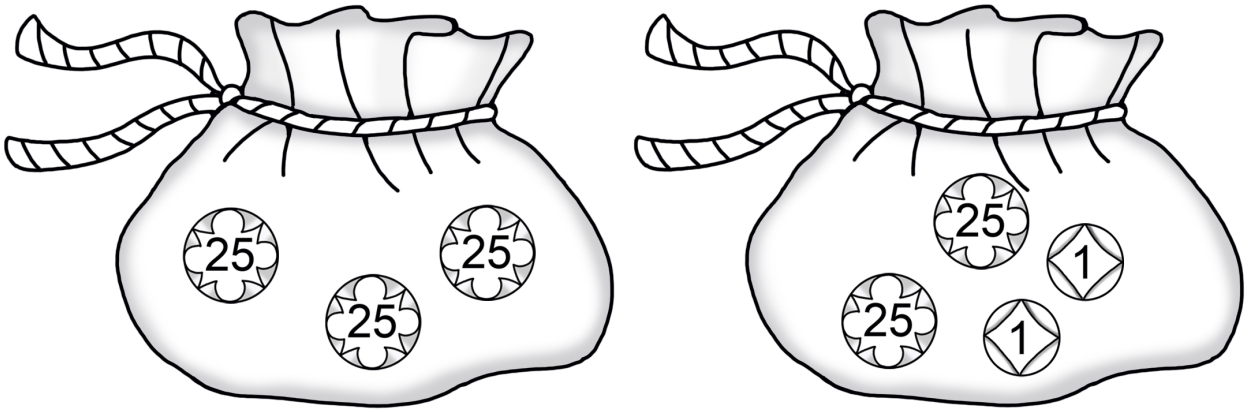
Name: _____

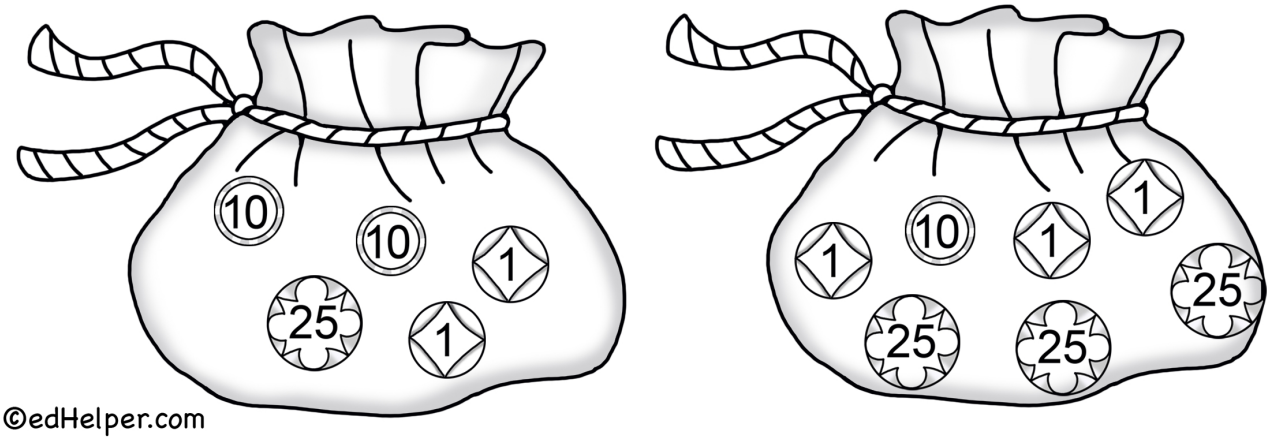
TOY SALE

Match each toy to the correct coin group.









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Name: _____

"Simple Simon met a pie man....." Simple Simon bought 2 apple pies. He bought 4 banana pies. He bought 1 meat pie. He bought 3 strawberry pies. How many fruit pies did he buy?

Jason had 8 shirts. His mother bought him some new shirts for school. Now he has 11 shirts. How many shirts did his mother buy?

Nathan bought an eraser for 13 cents and a puzzle for 93 cents. How much money did he spend?

Miss Wilson made 52 ice cream cones. Of that number, 35 were chocolate. How many cones were not chocolate?

Our mailman brought our mail at 1:21 p.m. yesterday. Today he brought it at 2:32 p.m. How many minutes later was the mailman today?

Mr. Miller is a clown. He is in the circus. He travels from city to city. He is only at home 55 days per year. How many days is he away from home? (Hint: 1 year = 365 days.)

Name: _____

Jemima Puddle-Duck had 50¢. She bought a bag of corn for 21¢. How much money did she have left?

Buster Bear ate two cups of honey. His mother ate four cups of honey. His father ate five cups of honey. How many cups of honey did they eat in all?

Mrs. Thompson 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 fifth card?

Sara planted 237 tulip bulbs. She planted 116 bulbs for red tulips. The rest of the bulbs were for yellow or purple tulips. How many bulbs were not for red tulips?

"Jack Sprat could eat no fat....." Jack ate 2 plates of beans. Each plate had 14 beans on it. How many beans did Jack eat?

There are 10 pieces of fudge on each plate. There are 5 plates. Count by tens. How many pieces of fudge are there in all?

word root **de** can mean **down** **deposit, demolish**

Name: _____

Puzzle:

			21
		7	12
			11
15	10	19	+

Work Area:

			21
		7	12
			11
15	10	19	+

The sum for each column and row is given.

= _____ = _____ = _____

= _____

Puzzle:

			21
			20
			22
21	21	21	+

Work Area:

			21
			20
			22
21	21	21	+

The sum for each column and row is given.

= _____ = _____ = _____

Name: _____

There were 12 red shirts at the thrift shop. Ms. Garcia bought 4 of them. How many red shirts were left?	Mrs. Moore had 16 eggs. She used 11 eggs for breakfast. How many eggs are left?	Kayla saw 13 birds in the tree. Seven flew away. How many birds were left in the tree?

Circle the number that is less.

638 645

If October 5 is on a Tuesday, then what day of the week will October 9 fall on?

_____

968

I am in the hundreds place.

What number am I? _____

I am the number 8.

What place am I? _____

two hundred eighty-six

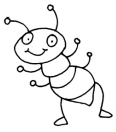
across →

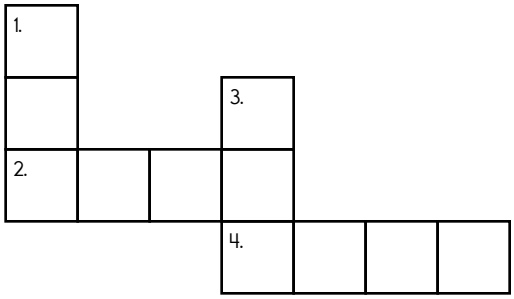
2. ___ar___

4. ___ape

down ↓

1. sa___

3.  a___ ___



3 8 - 3 = _____

4+90+300

8+70+400

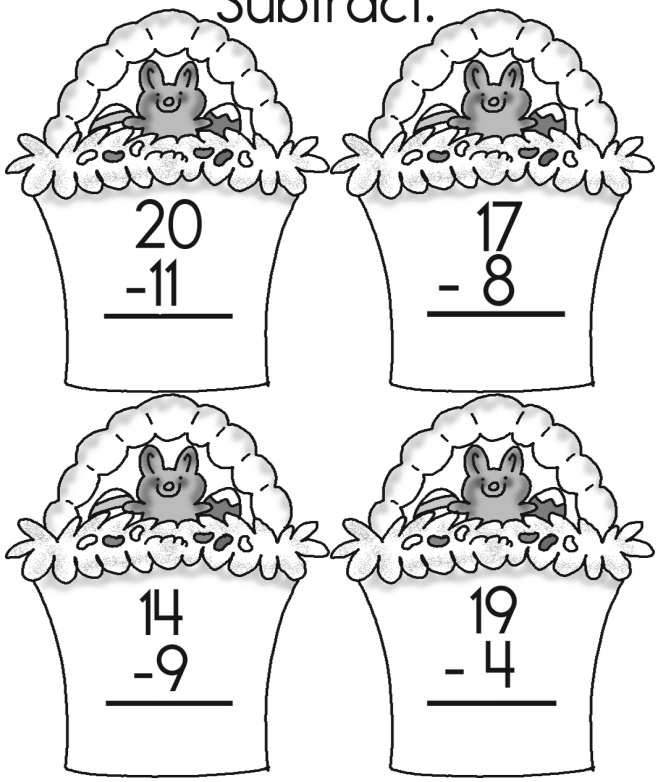
Name: _____

Emma wants a pet. She isn't sure what to get.
"How about a rabbit or a turtle?" asks Jen.
"I know I like rabbits better than turtles," answers Emma.
"How about a hamster?" asks Jen.
"Hmm. I think I like turtles better than hamsters," answers Emma.
"How about fish? They are easier to take care of," replies Jen.
"No way!" smiles Emma. "I'm allergic to fish."
"Then why are you laughing?" replies Jen.
"Okay, just kidding. I don't want fish, dogs, cats, or pet rocks," answers Emma.
What is Emma's favorite type of pet?

Show your work.

Name: _____

Subtract.



Write each number in expanded form.

692 =

\+ \+

_____

437 =

\+ \+

_____

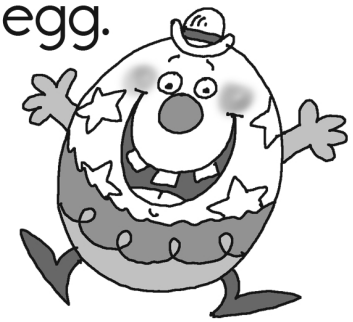
285 =

\+ \+

_____

Match the opposites.

Write a sentence about this egg.



_____

_____

_____

_____

_____

_____

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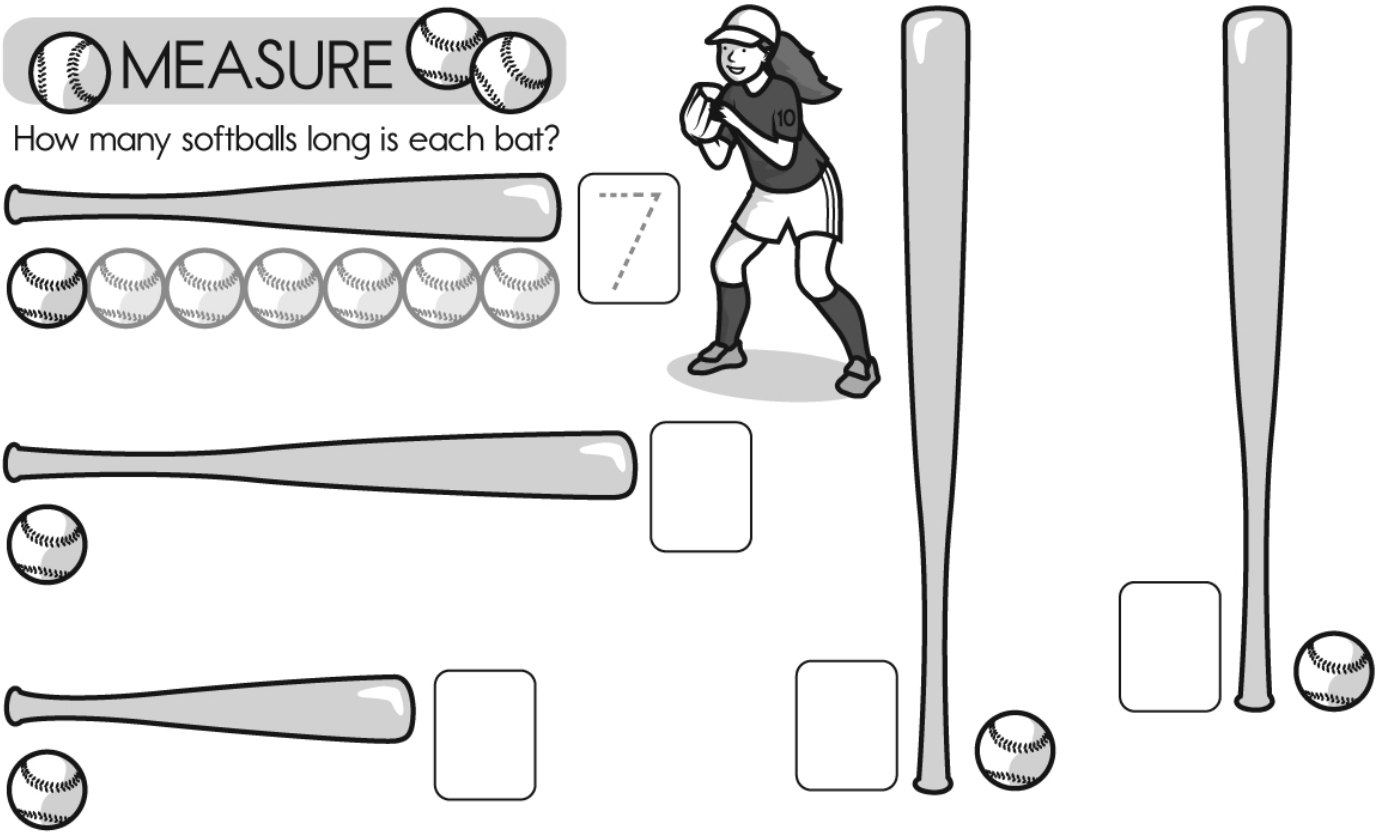
Name: _____

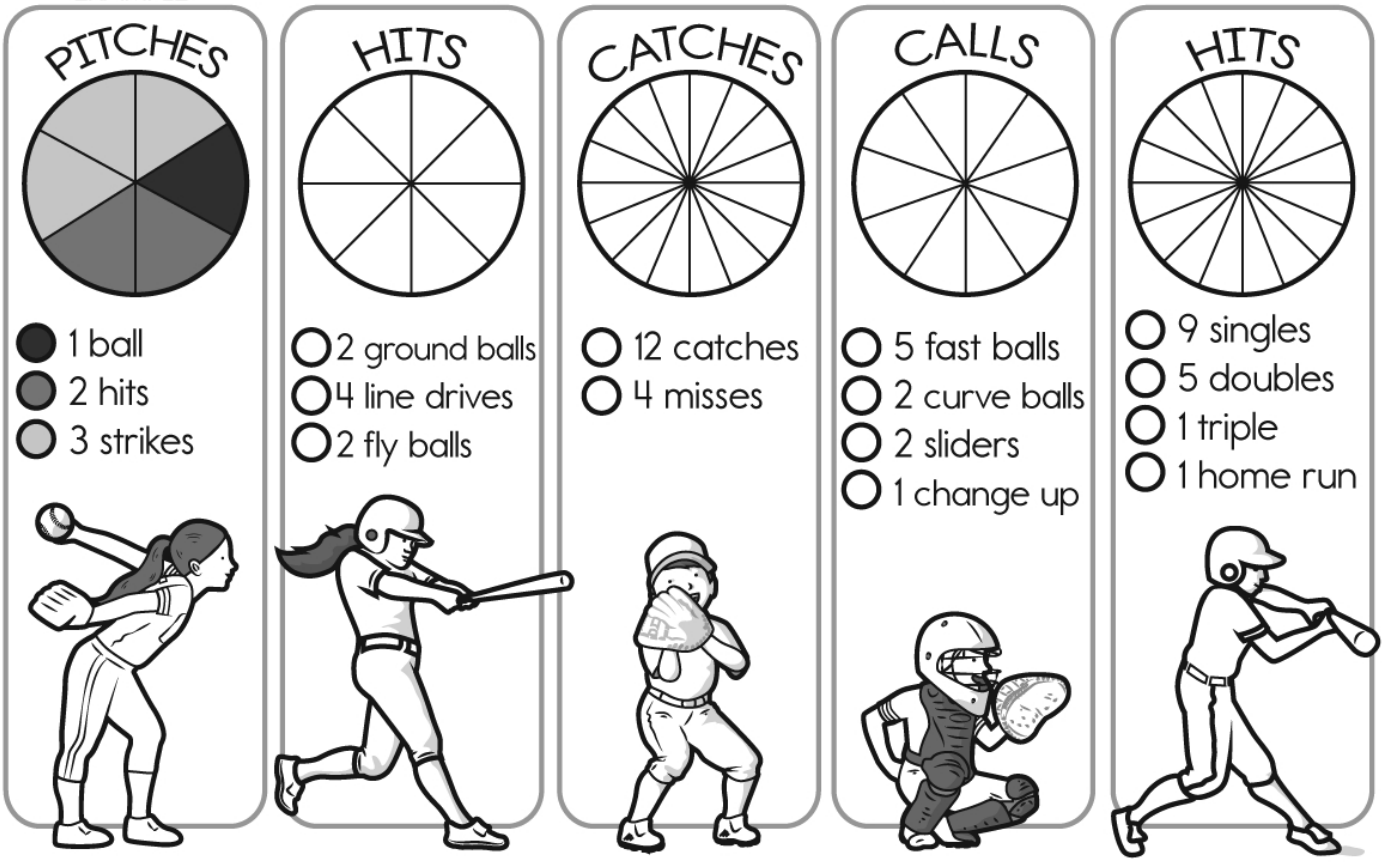
MEASURE

How many softballs long is each bat?



Fill in the pie charts to match each player.

EXAMPLE



Name: _____

119 + 291 =	134 + 417 =	344 + 890 =	828 + 939 =	679 + 207 =
4□□ + 709 = □197	898 + □7□ = 1□77	812 + 2□□ = □026	409 + □□□ = 680	□□5 + 419 = 8□4
778 + 779 =	142 + 641 =	492 + 442 =	444 + 246 =	744 + 564 =
72□ + □39 = 1□61	□6□ + 8□5 = 1101	653 + □□4 = 15□7	□58 + 5□□ = 1310	□59 + 323 = □□2
283 + 346 =	670 + 741 =	261 + 515 =	761 + 615 =	194 + 563 =
□66 + 8□□ = 1469	8□0 + □23 = 16□3	□□2 + 716 = 15□8	□88 + 6□□ = 1411	28□ + 405 = □86

Name: _____

How many?

How much is this?

Write the numbers.

eight ___

seventeen___

twenty-one___

A, E, I, _____, Q, U, Y

$$\begin{array}{r} 19 \\ +\ 10 \\ \hline \end{array}$$

Sarah has 7 squishies. She has 3 red ones. The rest are yellow. How many squishies are yellow?

How many?

seventeen plus six equals

56, _____, 58, 59, 60, _____,

_____, _____, _____, _____,

66, _____, 68

How many?

How much is this?

Anna loves reading. She read 3 books this month. She plans to read 11 more. How many books will she read this month?

10, 12, 14, 16, _____, 20, 22

153, 170, 187, _____, 221,

238

Draw 3 small squares.

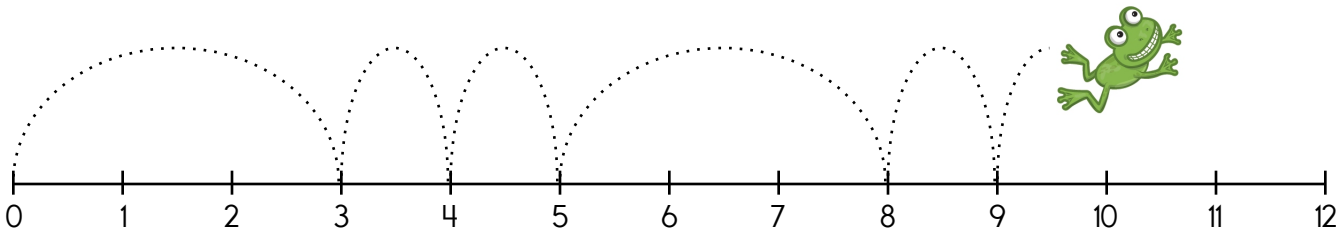
Then color in some to show $\frac{1}{3}$.

Name: _____

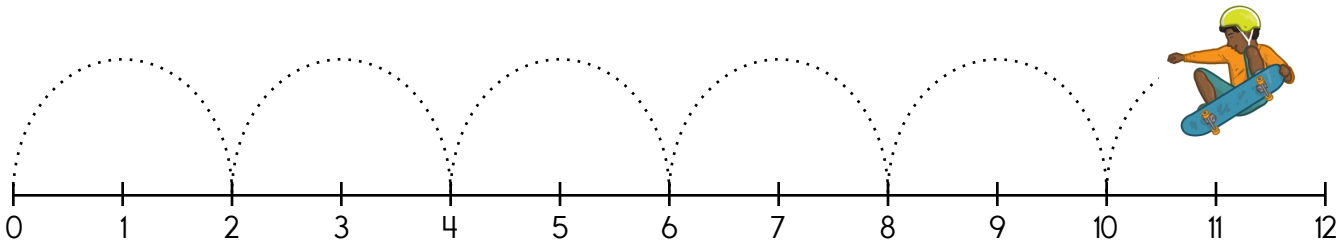
7 legs! 3 legs! Squishies are fun. Let's play!
"Can we play with your squishies?" asks Sara.
"Great idea! Let's go to my room," replies Emily.
"Weird. This red squishy has 3 legs," says Sara.
"Yeah! And the orange ones have 7 legs. I couldn't sleep last night, so I just counted legs on my red and orange squishies," says Emily.
"You are kidding! How many legs did you count?" asks Sara.
"Well, I counted 57 legs. The orange took a while to count. When I bought the red and orange squishies, each package came with 2 orange and 1 red squishy. So I have exactly double the number of orange squishies than red squishies," says Emily.
How many red squishies does Emily have?

Show your work.

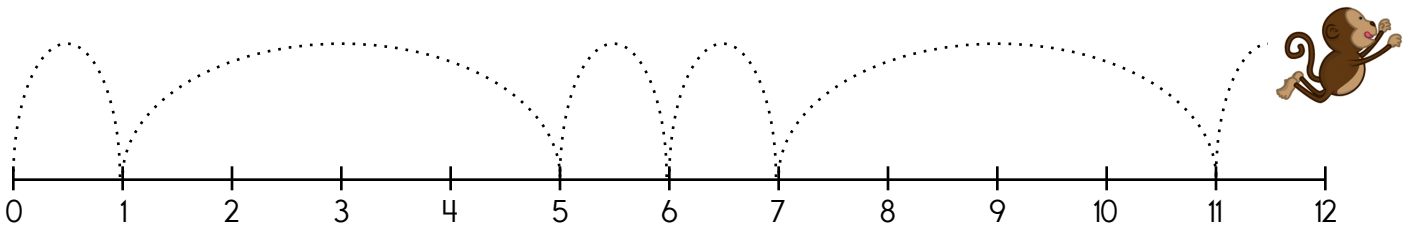
Name: _____



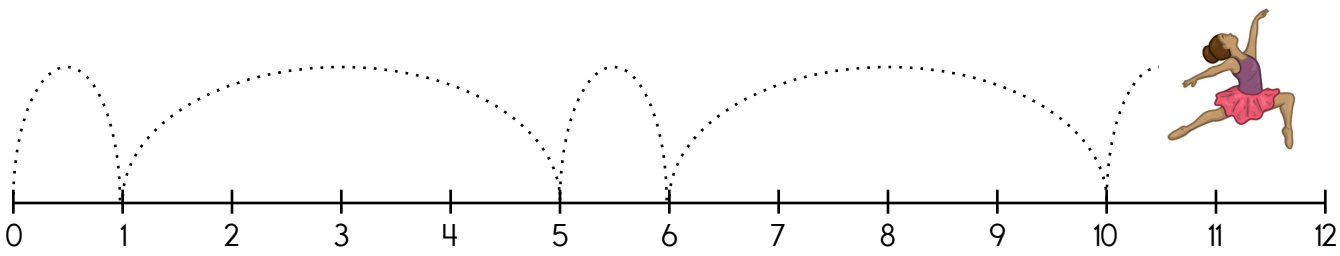
Look at the pattern. The frog will next go to number _____.



Look at the pattern. The skateboarder will next go to number _____.



Look at the pattern. The monkey will next go to number _____.



Look at the pattern. The dancer will next go to number _____.

Rewrite the sentence correctly.

mr Johnson asked I to take home my show and tell items

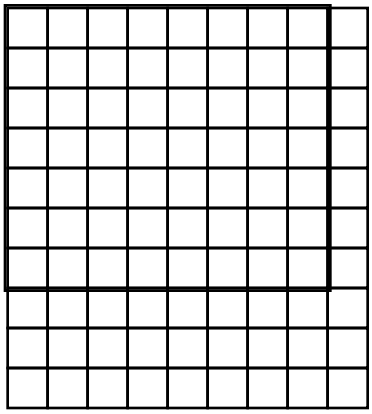
_____

_____

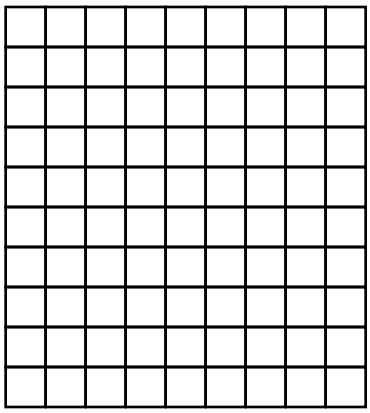
100 more than 421

Name: _____

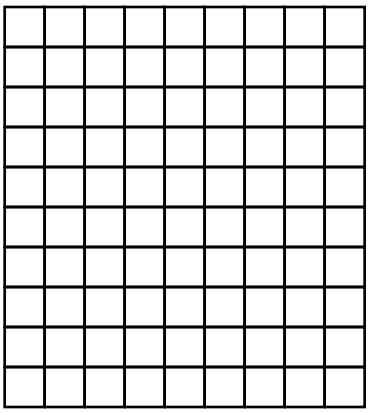
Color in 7 x 8.



Color in 5 x 3.



Color in 8 x 9.



Draw 2 + 2 + 2 + 2 + 2.

Draw 6 x 6.

Draw 9 x 7.

Draw 3 + 3 + 3 + 3.

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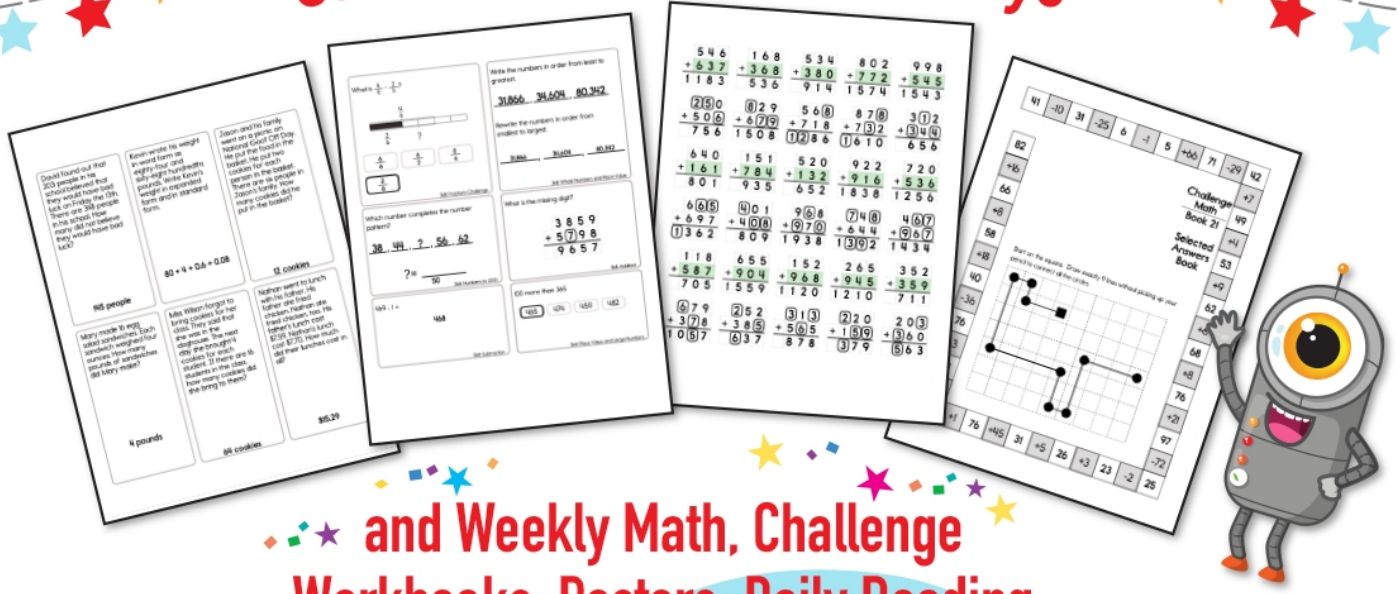

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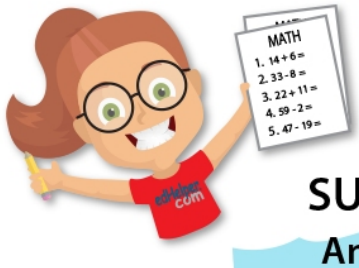

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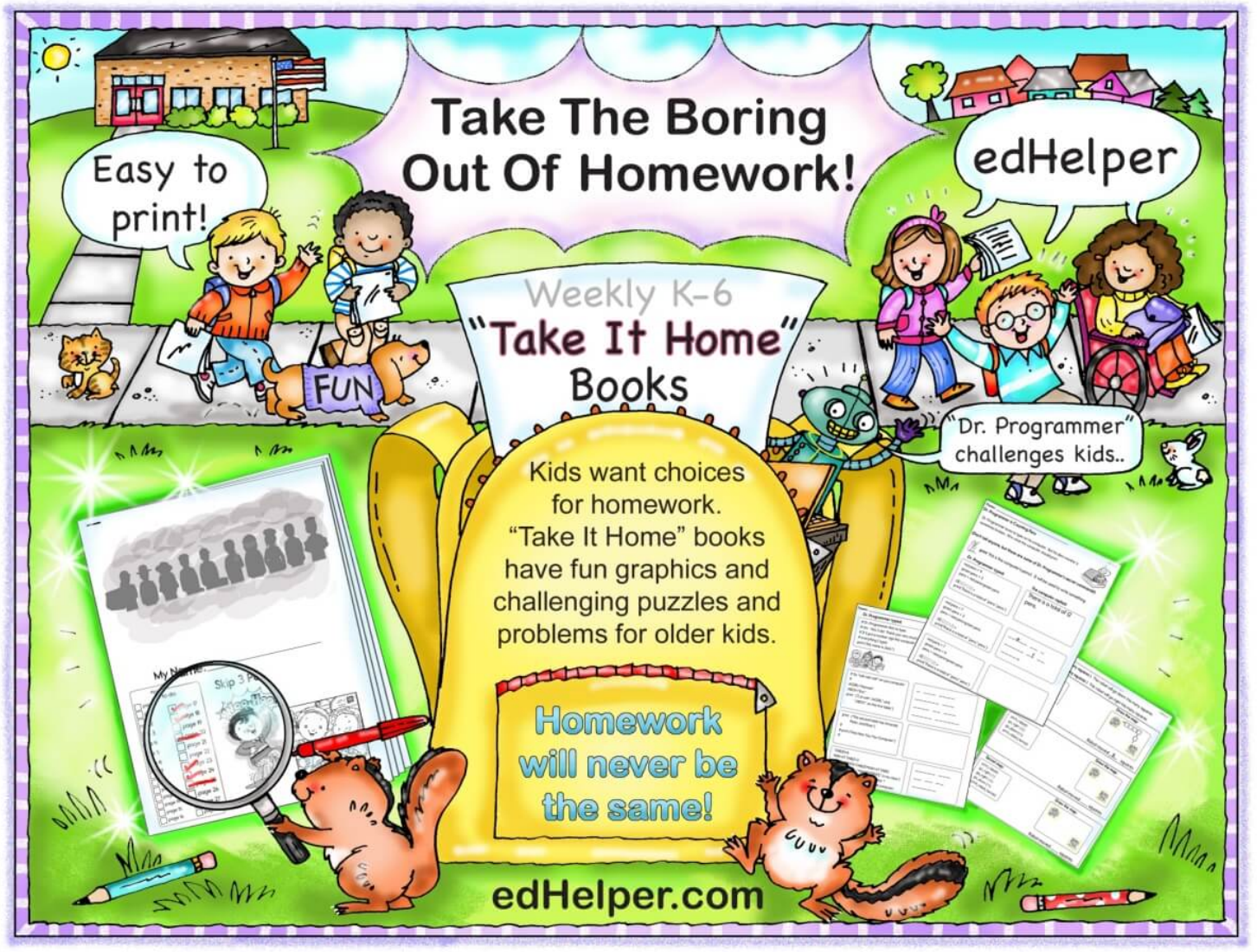
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