

64	+6		-34		-22		-2		+36	
----	----	--	-----	--	-----	--	----	--	-----	--

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 4
☐ page 10
☐ page 16
☐ page 22

☐ page 5
☐ page 11
☐ page 17
☐ page 23

☐ page 6
☐ page 12
☐ page 18
☐ page 24

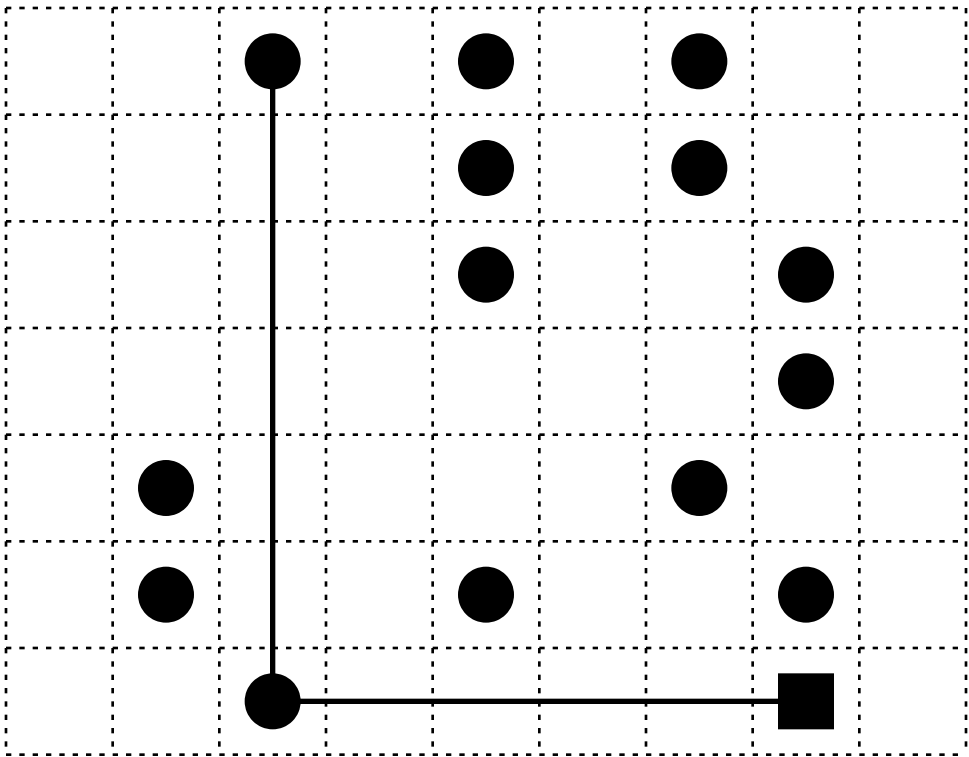
Challenge Math Book 15



12
-25
-8
-33
+72
-5
-47

+16
+15
+14
+1
-43
+12
63
+14

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



	-21		+61		-4		-58		+3	
--	-----	--	-----	--	----	--	-----	--	----	--

Name: _____

Play Math on your Computer or Phone

On your computer: edHelper.com/math-games.htm

On an iPhone/iPad: Get the edHelper app

Try to play for at least 4 days this week.

Start the math game by picking:
Play Third Grade Math (no skill selection)



Your class code:

Day You Played	Points at End
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

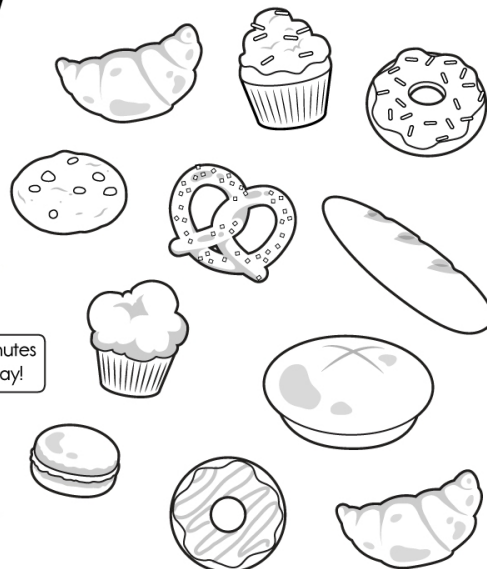
I played _____ days this week.

Let's Play School

by edHelper



Color one each time you play:



Name: _____

Kevin is trying to reorganize his favorite apps on his phone. He has so many! Each page can have 5 rows of 4 apps. There is also space for 4 apps on the bottom of the screen that will not change and are the same for each page of apps. For the 4 fixed apps, Kevin has a phone icon, a camera icon, an internet browser icon, and the weather icon.

Kevin has a total of 5 app pages. The last page has only 2 apps in addition to the 4 fixed apps on the bottom. Pages 1-3 are full. Page 4 still has space for 5 more apps. How many apps are on Kevin's phone?

Show your work.

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?

Mental Math



= Do it
in your
head!

imagine 3 in your head

add 2

add 3

Write the number.

A

imagine 7 in your head

double it

add 1

subtract 3

Write the tens digit.

B

imagine 3 in your head

add 8

double it

Write the tens digit.

C

imagine 3 in your head

add 8

subtract 4

add 5

Add the tens digit to the ones digit.

Write the sum.

D

What is the sum?

A + B + C + D

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

_____t_____e_____

4 before 18 _____

9 after 12 _____

7 before 11 _____

1 before 17 _____

2 after 14 _____

9 before 16 _____

5 before 19 _____

1 after 13 _____

6 before 15 _____

3 before 13 _____

6 after 17 _____

8 before 14 _____

2 before 12 _____

8 after 15 _____

4 before 17 _____

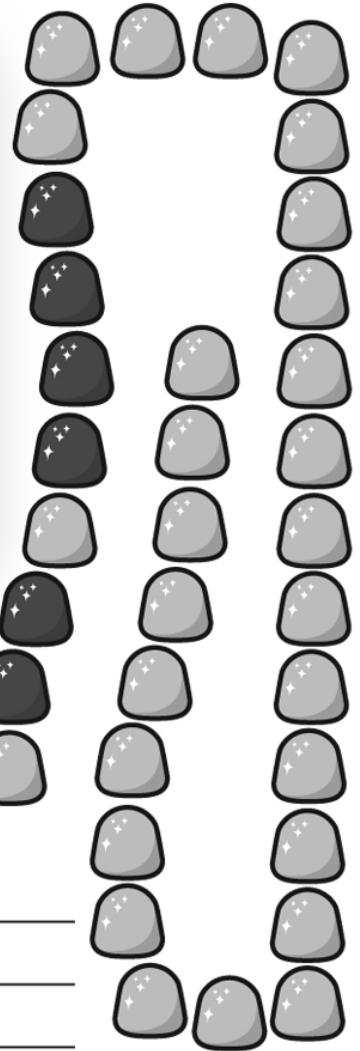
Name: _____

Mixed
Math

Draw the cookies into the correct cookie jars.

Complete
the Pattern

What is the rule?



Name: _____



Find a clock. What time is it right now?

Write this number:
3 ones, 9 thousands

Circle the number that is largest.

10,400 14,000

10,004 10,040

Fill in the missing
addition or subtraction
operations.

$$5 \text{ } \underline{\hspace{1cm}} \text{ } 5 \text{ } \underline{\hspace{1cm}} \text{ } 5 = 5$$

$$9 \text{ } \underline{\hspace{1cm}} \text{ } 1 \text{ } \underline{\hspace{1cm}} \text{ } 1 = 9$$

5 less than 365

$$\begin{array}{r} 57 \\ - \quad 5 \\ \hline \end{array}$$

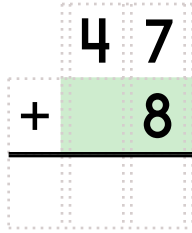
double 80

$$\begin{array}{r} 238 \\ - \quad 26 \\ \hline \end{array}$$

10, 20, 30, _____, 50,
60, 70

Name: _____

Round 85 to the nearest 10.



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

$$6 + 6 - 4$$

D, _____, L, P, T, X

Circle the number that is
smallest.

6,060 6,006

6,600

double 800

It is 7:41 when Jessica
leaves her house. She
arrives at school at 8:08.
How much time has
passed?

Make your own
equation.

$$\underline{\quad} - 9 = \underline{\quad}$$

$$79 + 79 + 79$$

Change this into a
multiplication problem.

$$\underline{\quad} \times \underline{\quad}$$

Mary has a bowl. She puts
12 dimes into the bowl.
Jacob sees the bowl and
takes 2 dimes. How much
money (in cents) is left in
the bowl?

How many even numbers
are there between 23 and
43?

Name: _____

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

A

18	62	19
51	10	9
26	92	68

Find an
addition fact.

B

76	17	7
1	99	18
41	15	63

Find an
addition fact.

C

68	49	67
78	63	75
48	54	27

Find an
addition fact.

Equations:

Write the equation facts you found.

A	9	+	10	=	19
B		+	17	=	
C		+		=	75

$$\begin{array}{r} 40 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 52 \\ \hline \end{array}$$

Write the correct symbol.

< = >

476 ○ 467

$$\begin{array}{r} 98 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 23 \\ \hline \end{array}$$

10 + = 19

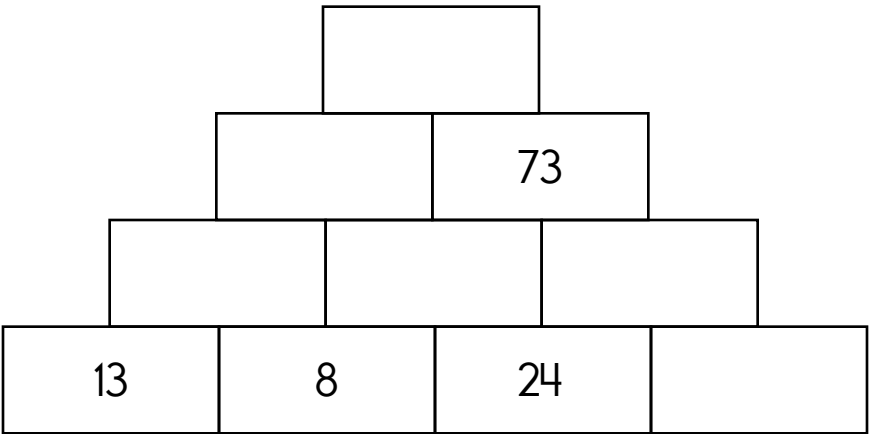
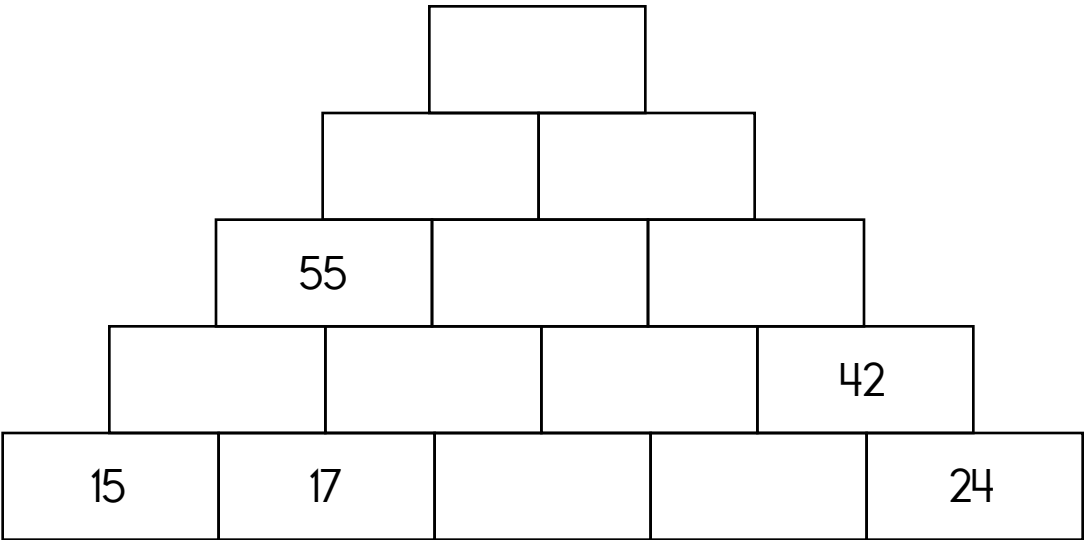
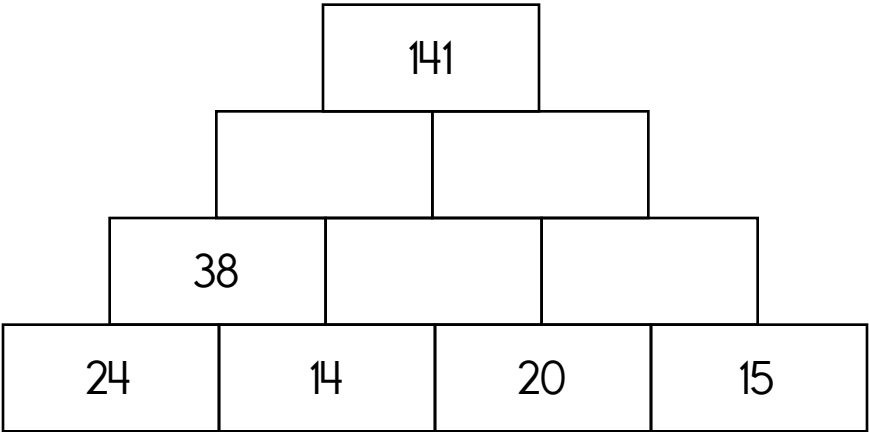
12 + = 16

10 + = 13

4 + = 6

Name: _____















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



11 - 7 = <input type="text"/>	9 + 3 = <input type="text"/>	14 - 6 = <input type="text"/>	1 + 6 = <input type="text"/>
15 - 8 = <input type="text"/>	13 - 5 = <input type="text"/>	3 x 4 = <input type="text"/>	8 + 6 = <input type="text"/>

Name: _____



Puzzle:

		8		27
				23
				29
8				31
25	32	30	23	+


Work Area:

		8		27
				23
				29
8				31
25	32	30	23	+

















The sum for each column
and row is given.

 = _____
 = _____

 = _____

 = _____



Puzzle:


				26
				19
				25
				27
24	27	19	27	+


Work Area:

				26
				19
				25
				27
24	27	19	27	+

The sum for each column
and row is given.

 = _____
 = _____

 = _____

 = _____

Name: _____

Jason's favorite player is number 50 - 16. "What's your favorite player?" Jason asks Robert. "My favorite player's jersey has a number that is 6 less than your favorite player," Robert replies.

What number is on the jersey of Jason and Robert's favorite players?

Round each number to the nearest 10.

4 _____

84 _____

968 _____

9,882 _____

746 _____

22,462,894 _____

Name: _____

Emma was getting ready to walk the dog. "Lucy, here girl!" she called while she was getting dressed. She looked outside and decided to put on extra layers. She tucked in her t-shirt and put a turtleneck over it. She put some warm socks over her leggings and then was deciding on her jacket. She had a light jacket, a thermafit full zip hoodie, and her ski jacket.

"What should I wear, girl?" asked Emma.

Lucy started licking the light jacket. "Okay, it's my green light jacket," replied Emma. But when she got outside, she was not freezing. No, no. Emma was not freezing! But when that wind hit her, she was a little cold.

What is a good guess for the actual temperature outside?

Show your work.

Don't forget an explanation. And be sure to write whether your number is for degrees Celsius or degrees Fahrenheit. Ten degrees Celsius is entirely different from ten degrees Fahrenheit!

Name: _____

Jessica got a new puppy. The puppy's name was Max. Jessica didn't like that name. She tried to think of a new name. She made two lists of names. There were 25 names on the first list. There were 18 names on the second list. How many names were there in all?

Adam and his friends decided to go to the pool on Friendship Day. The pool might be warm from the sun, but it would be cooler than the air! On Friendship Day, the air temperature was 106.4 degrees. The water temperature was 86.8 degrees. How much warmer was the air than the water?

7×5

$5 - 3 + 1 - 1 + 4$

How many hours are there from 5 a.m. to 10 p.m.?

The Ferris wheel at the 2020 state fair is billed as 12.13 meters taller than the Ferris wheel at last year's state fair. The 2020 Ferris wheel is 34.5 meters high. How high was the Ferris wheel at last year's state fair?

Rosa listened to her jazz CD for 30 minutes. Then she listened to a rock CD. She listened to music for an hour. How long did she listen to the rock CD?

On National Compliment Day Jacob complimented 9 people. Of those people, $\frac{2}{3}$ were in his family. How many other people did Jacob compliment?

2 more than 452

Write this number:
3 ones, 7 tens, 6 thousands

	4	3	9
+		8	4
<hr/>			

Name: _____

Mr. Martin is our neighbor. He drove 354 miles to see his son. Then he drove 60 miles to see his daughter. Then he drove 322 miles back home. How many miles did he drive in all?

Connor had twelve blue socks. His dog hid four of his blue socks. How many blue socks did he have left?

Hunter has eight books about the stars, five books about dogs, and four books about snakes. He gave three books to Justin. How many books does Hunter have now?

114, _____, 126, 132, 138,
144, 150, 156

In six hours it will be midnight. What time is it now?

What number multiplied by three is twelve?

Anne made some cookies. She made a wild guess about the time to bake them. She left them in the oven for 45 minutes. They all burned. The recipe said they should bake for 16 minutes. How many minutes too long were they in the oven?

Mr. Wilson is a famous artist. He sold a drawing of a cat for \$920. He sold a drawing of a horse for \$776. How much more did the drawing of the cat cost?

Nathan had 122 postcards. Adam gave him some more postcards. Now Nathan has 145 postcards. How many postcards did Adam give Nathan?

Write an even number.

If you know
 $71 + 23 = 94$
Then what is $71 + 22$?

Make your own equation.

____ + 9 = ____

Name: _____

Mr. Johnson made 155 chocolate ice cream cones on Monday. He made 146 ice cream cones on Tuesday. About how many ice cream cones did he make in all? Estimate by rounding to the nearest hundred.

Jacob has some sea monkeys in a tank. He is counting them by 3s. Fill in the blanks: 3, ____, 9, 12, ____, ____, 21

Max has a raft. It is 5 feet long and 2 feet wide. It is red and green. He is taking it to the beach with him. What is the area of the raft?

$$8 + 6 - 3 - 1$$

U, R, R, P, O, ____, L,
L, I, J

$$8 - 5 + 3 - 4 + 5$$

Mrs. Taylor needs 10 bees to start a colony. She wants to make 2 colonies. How many bees does she need in all?

Ava made 2 dozen cupcakes and 4 dozen sugar cookies. She divided the cupcakes and cookies evenly on small plates to give to the 6 families on her street. How many cupcakes and cookies were on each plate?

Sara made 24 cups of popcorn. She gave half of the popcorn to her mother and father. She and her little sister shared the rest of the popcorn. How much popcorn did she give to her mother and father?

Write this number:
6 tens, 9 hundreds, 8 thousands

6 more than 356

Circle the number that is largest.

80,070 80,700

80,007 87,000

Name: _____

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

$70 + 110 =$

$280 + 220 =$

$70 + 10 =$

$50 + 180 =$

$10 + 20 =$

$290 + 230 =$

$110 + 140 =$

$80 + 130 =$

$140 + 120 =$

$50 + 130 =$

$20 + 60 =$

$120 + 130 =$

$270 + 230 =$

$150 + 110 =$

$60 + 150 =$

$80 + 150 =$

$20 + 10 =$

$240 + 280 =$

$20 + 80 =$

$80 + 20 =$

Write an odd number.

It is 8:46 when Holly leaves her house. She arrives at school at 9:06. How much time has passed?

$$\begin{array}{r} 46 \\ - 5 \\ \hline \end{array}$$

10, 12, 14, _____, 18, 20,
22

$$\begin{array}{r} 446 \\ + 19 \\ \hline \end{array}$$

$8 + 4 - 6$

Pam is four years younger than her older sister, Emma. Emma is fifteen years old. What is the sum of their ages?

Circle the number that is smallest.

40,040 40,400

44,000 40,004

Fill in the missing addition or subtraction operations.

$8 \underline{\quad} 6 \underline{\quad} 3 \underline{\quad} 4 = 9$

$8 \underline{\quad} 5 \underline{\quad} 4 \underline{\quad} 5 = 12$

Name: _____

Fill in the blanks.

$$4 + 4 + 4 = 4 \times \underline{\quad}$$

$$9 + 9 + 9 + 9 + 9 + 9 = 9 \times \underline{\quad}$$

$$6 + 6 + 6 + 6 + 6 = 6 \times \underline{\quad}$$

$$7 + 7 + 7 = 7 \times \underline{\quad}$$

	1	5	8
-		9	0
<hr/>			

3 less than 653

$$8 - 6 + 3 - 3$$

I, M, K, P, M, S, O,
_____, Q, Y64, _____, 104, 124, 144,
164, 184, 204, 224, 244Make your own
equation.

$$\underline{\quad} - 7 = \underline{\quad}$$

What month comes before
May?

Underline the cause in the
sentence.I let it sit too long, so my
cereal is soggy.

☐

I did page 16

☐I decided to skip this page
edHelper

Name: _____

Anne collects squishies. Before she started getting serious about collecting, she only had 8 of them. But now she has 27 squishies. She ordered 6 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 Anne have?

In four hours it will be midnight. What time is it now?

Write this number:
7 tens, 4 thousands

Round 54 to the nearest 10.

A teacher arranges desks. She puts 5 desks in each row. There are 4 rows. How many desks are there?

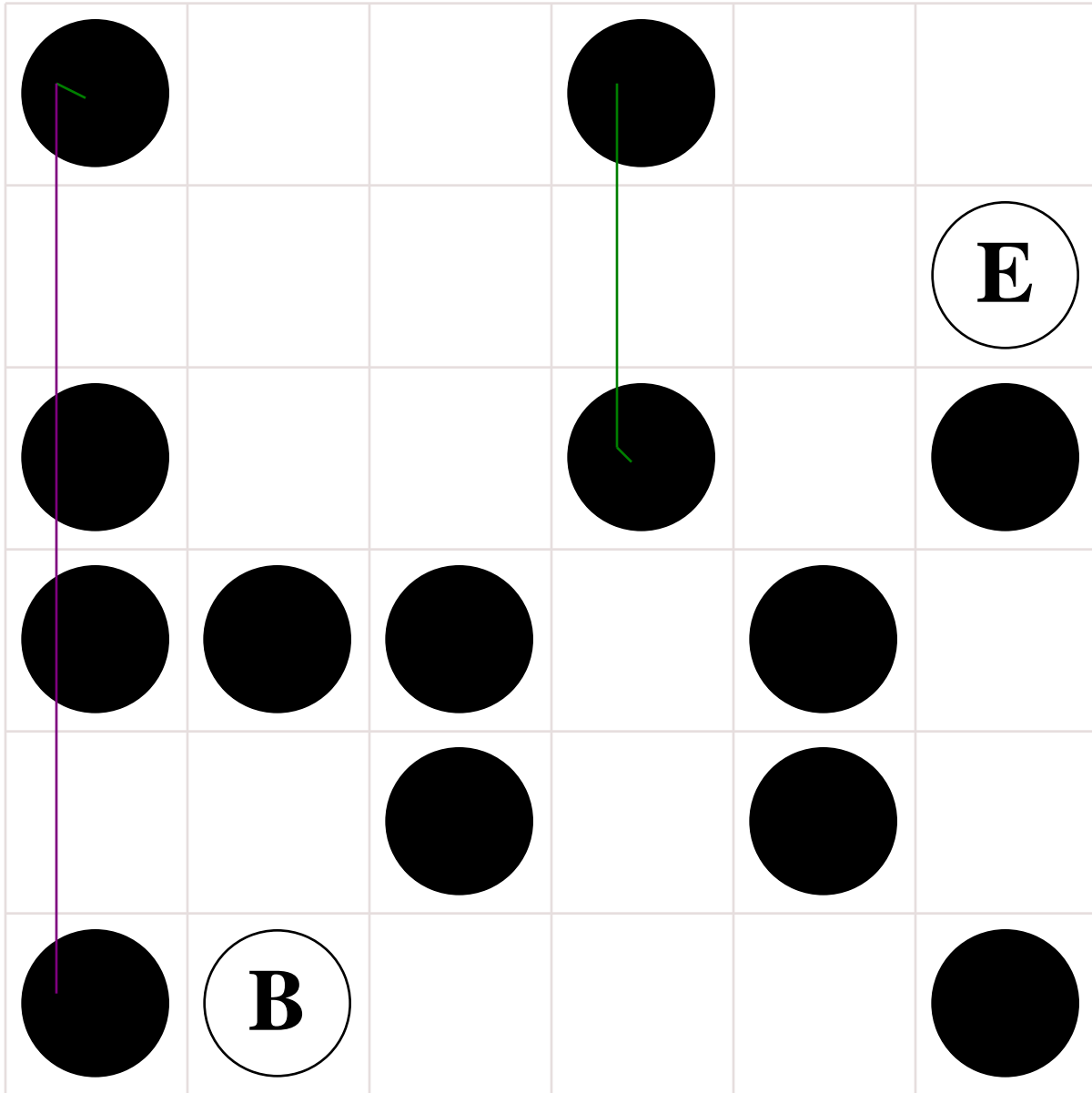
How many hours are there from 7 a.m. to 4 p.m.?

6, 8, 10, 12, 14, 16, 18,
_____, 22

Name: _____

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.

Part of the line has already been drawn for you.



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

Name: _____

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

A

75

4

73

-

12

25

46

42

92

23

Find a subtraction fact.

B

29

58

23

-

12

32

72

17

88

91

Find a subtraction fact.

C

70

87

93

-

62

7

63

42

68

60

Find a subtraction fact.

Equations:
Write the equation facts you found.

A

46	-	42	=	4
B	29	-		=
C	70	-		=

The number 57 is an odd number. Write an odd number less than .

early

urlea

aely

urle

Fill in the blanks with these numbers: 1, 1, 3

4

2

0

+

7

4

Fill in the blanks with these numbers: 3, 0, 3

3

4

+

2

9

6

early

urlea

aely

urle

Name: _____

There are 65 students in third grade. There are 20 students in Miss Bell's class. There are 21 students in Mr. Edison's class. The rest of the students are in Ms. Lovell's class. How many more students are there in Ms. Lovell's class than Miss Bell's class?

Amanda is going to stay with her grandmother this summer. She will be there for 4 weeks. She packed all her clothes in a red suitcase. The suitcase has 4 sides. Two of the sides are 26 inches long. One side is 30 inches long. One side is 20 inches long. What is the perimeter of the suitcase?

April is 64 inches tall. Holly is exactly 5 feet tall. Who is taller? By how much?

Show what 4×6 looks like by drawing an array. What is the answer?

Name: _____

How would you rank these weather days? A rank of 1 is terrible. A rank of 10 is an outstanding day.

Clouds and small rain chances. The highs in the low to mid 60s are quite pleasant.

Some fog and drizzle in the morning with cool temperatures leading to clear skies in the afternoon.

It's either rain or heat these days. But today should greet us with mostly sunny skies, very low humidity, and temperatures in the 70s. Light winds blow from the north.

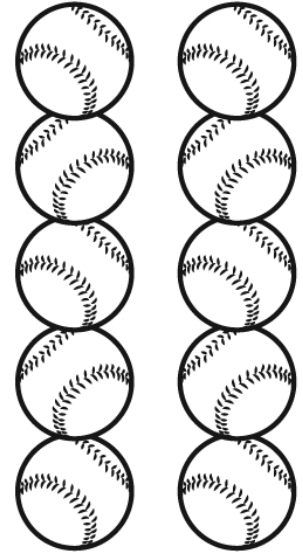
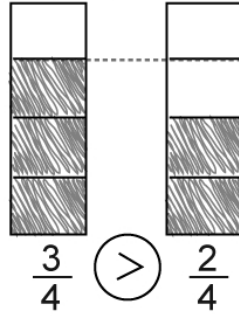
"Today's digit is 8/10," wrote Chris on the weather website. Describe what kind of day it might have been.

Name: _____

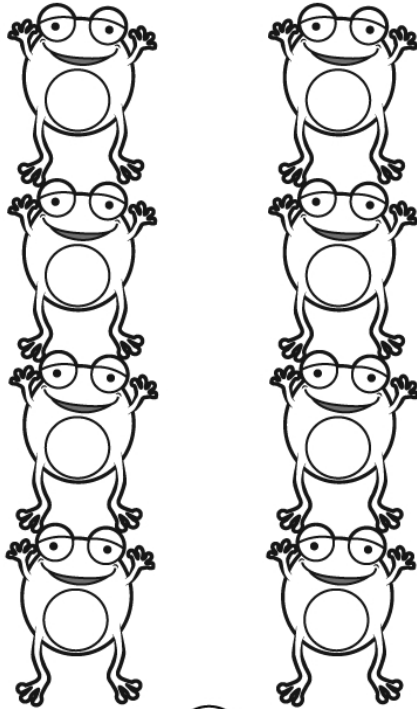
Greater Than or Less Than Fractions

Color each set of pictures to match the fractions. Fill in the correct greater than or less than symbol.

example:



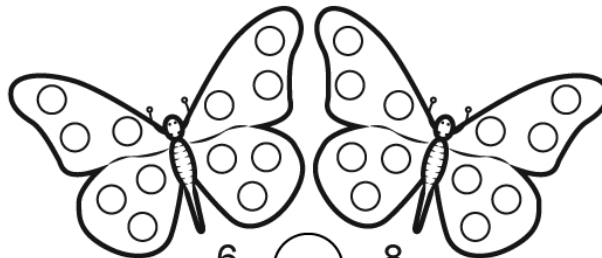
$\frac{2}{5} \bigcirc \frac{4}{5}$



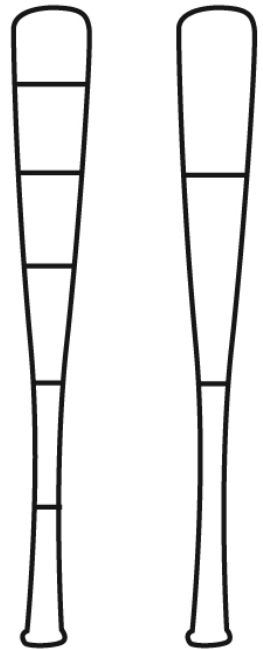
$\frac{1}{4} \bigcirc \frac{2}{4}$



$\frac{2}{2} \bigcirc \frac{2}{3}$



$\frac{6}{12} \bigcirc \frac{8}{12}$

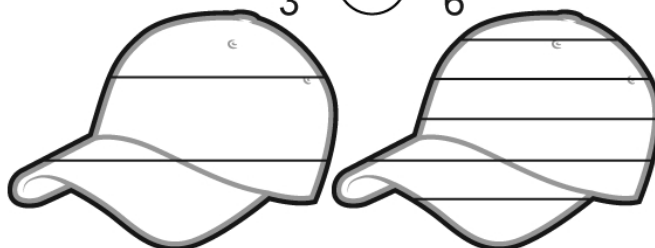


$\frac{3}{6} \bigcirc \frac{2}{3}$



$\frac{1}{4} \bigcirc \frac{2}{5}$

$\frac{2}{3} \bigcirc \frac{5}{6}$



☐

I did page 22

☐I decided to skip this page
edHelper

Name: _____

Get a fidget spinner! Spin it.

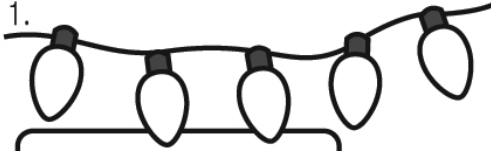
I needed to spin _____ time(s) to finish.

— —
six tens— —
eight tens— —
the number ten greater
than 41— — —
15 tens— —
the number ten greater
than 70— —
three tens - eight ones— —
nine tens - three ones— — — —
26 hundreds—
one ten - six ones— —
six tens - seven ones— — — —
76 hundreds— —
three tens— —
the number ten greater
than 36— —
four tens— —
the number ten greater
than 37— — — —
56 hundreds— —
32 ones— —
seven tens - six ones— — —
88 tens— —
two tens— —
seven tens— —
four tens - eight ones— —
the number ten greater
than 10— —
the number ten greater
than 21

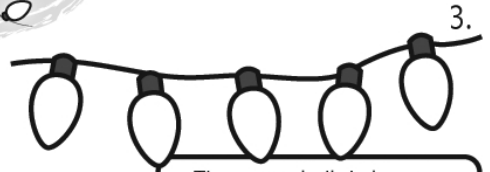
Name: _____

Luminous Lights

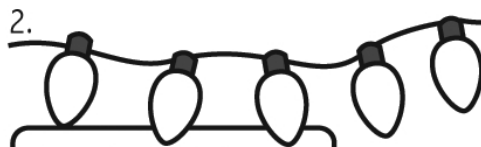
Each string of lights has five different colored bulbs—red, purple, blue, green, and yellow. Read the text next to each set to find out how to color the lights.



- The fourth bulb is yellow.
- The red bulb is not directly before or after the yellow bulb.
- The green bulb is not directly before or after the blue bulb.
- The blue bulb comes directly after the red bulb.

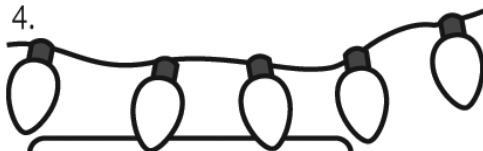


- The green bulb is between the yellow and red bulbs.
- The purple bulb directly follows the yellow bulb.
- The blue bulb is not last.

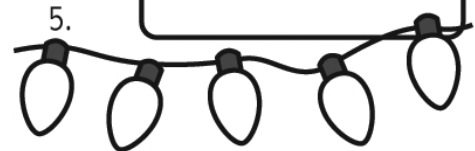


- The red bulb is between the purple and green bulbs.
- The blue bulb is last.
- The purple bulb directly follows the yellow bulb.

- The second bulb is green.
- The red and blue bulbs are not directly before or after the green bulb.
- The yellow bulb is directly before the blue bulb.



- The yellow bulb is on one end of the string, the red is on the other.
- The middle bulb is green.
- The blue bulb is directly after the red bulb.



- The yellow bulb is between the red and blue bulbs.
- The purple bulb is between the green and red bulbs.
- The red bulb is directly after the yellow bulb.



- The yellow bulb directly follows the red bulb.
- The purple bulb directly follows the green bulb.
- The blue bulb directly follows the purple bulb.
- The blue bulb is not last.



Name: _____

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

C, G, __, __, S, W

A, __, I, M, Q, U, __

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

If

$1, 3 = 4$

$2, 6 = 8$

$3, 11 = 14$

$4, 15 = 19$

Then

$5, 20 = ?$

If

$5, 5 = 10$

$6, 10 = 16$

$7, 15 = 22$

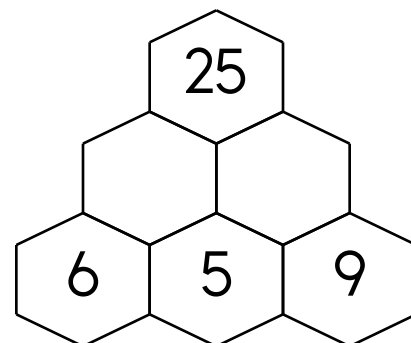
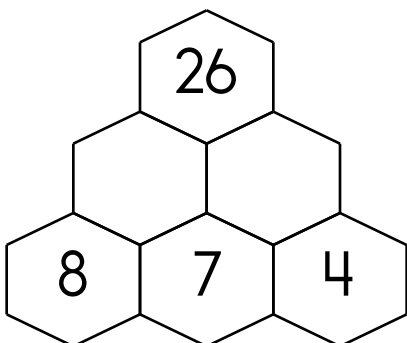
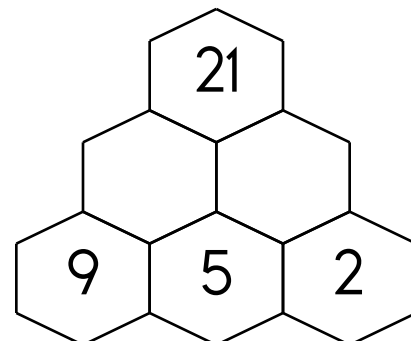
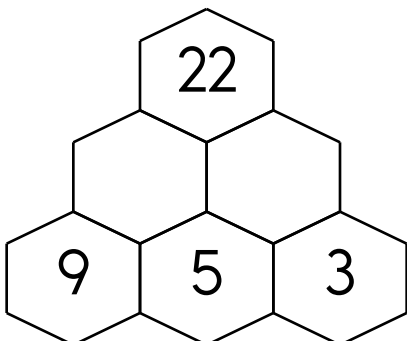
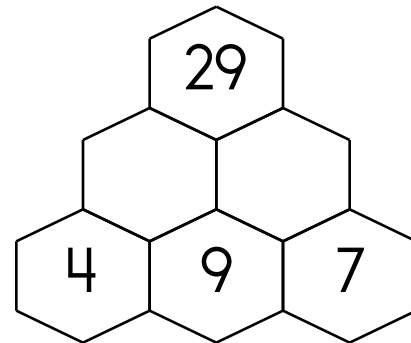
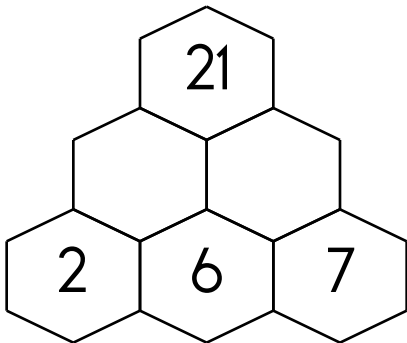
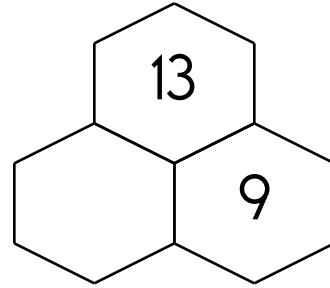
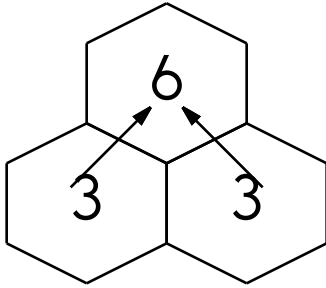
$8, 20 = 28$

Then

$9, 23 = ?$

Name: _____

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



What is the second month
with 30 days?

$$8 + \square = 17$$

$$9 + \square = 11$$

$$5 + \square = 14$$

$$3 + \square = 22$$

Name: _____

David and Nathan didn't want to do anything on National Goof Off Day. They looked at the sky. They looked for cloud pictures and counted birds. David counted 122 birds. Nathan counted 106 birds. They got bored. They went inside to play a game. How many birds did they count in all?

Gavin bought a bag of peanuts for the elephants. He gave the first elephant 18 nuts. He gave the second elephant 5 more nuts than he gave to the first elephant. He gave the baby elephant 8 nuts. He has 14 nuts left. How many peanuts did he start with?

	3	6
+		9
<hr/>		

Find a clock. What time is it right now?

double 40

Justin and his father are going to an art show. It is in Midtown. It is 78 miles from Midtown to Mayville. It is 13 miles from Mayville to Justin's home. How far is it from Justin's home to Midtown?

Tom brought a cup of water for the trees. Jeff brought a bucket of water for the trees. Which boy brought more water?

Mrs. Hall is making apple pies with the apples her husband picked. She needs 3 large apples for each pie. If she bakes 14 pies, how many apples will she need?

Write this number:
6 ones, 5 thousands, 4 tens,
8 hundreds

Make your own
equation.

___ + 3 = ___

double 500