



Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Monday, May 17th

Name:

Dangers That Butterflies Face and Reasons Butterflies Are Important: Class Notes



Dangers That Butterflies Face

Reasons Butterflies Are Important to Plants

Reasons Butterflies Are Important to Animals

Questions about *A Place for Butterflies*

Directions: Read the first eight pages of *A Place for Butterflies*

1. The author writes that many butterflies “feed on” nectar. What does “feed on” mean?
 - a. Remove nectar
 - b. Make nectar
 - c. Eat nectar

2. According to the book, what kind of nectar do many adult butterflies feed on?

3. Why does the author think people should protect forests?
 - a. Because some butterflies eat leaves from trees
 - b. Because some butterflies build nests in trees
 - C. Because some butterflies eat sap from tree

4. What is one reason that people should let some wildfires burn?
 - a. Some forests can be made into butterfly gardens.
 - b. Some butterflies eat plants growing on burned land.
 - c. Some butterflies eat the bark of burned trees.

Name: _____

ch	ph	sh

lunchroom	inches	sunshine	beaches
kitchen	milkshake	cushion	dishes
elephant	alphabet	telephone	teacher
wishing	mushroom	ketchup	nephew

$$\begin{array}{r} 4 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

Day 10: Read the word problem

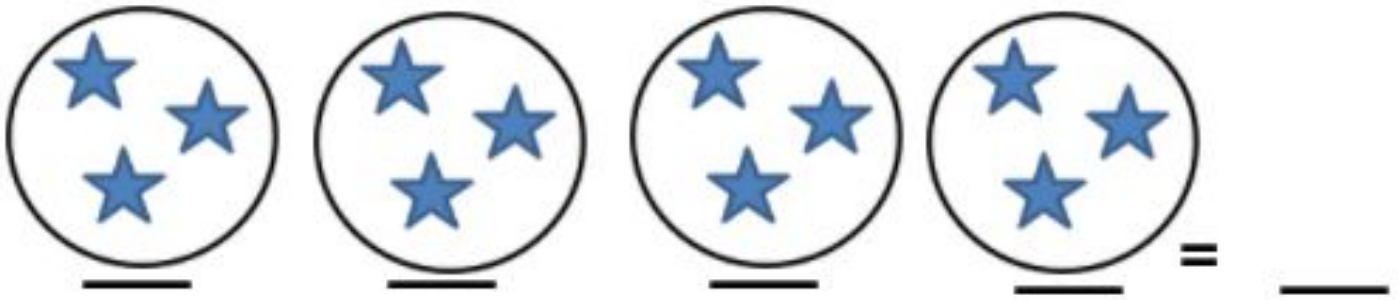
2nd grade has recess starts at 2:25 pm. It ends at 2:45 pm. How long is their recess?

Check off each thing:

- Read the question.
 - Re-Read the question.
 - What information is important?
-
-

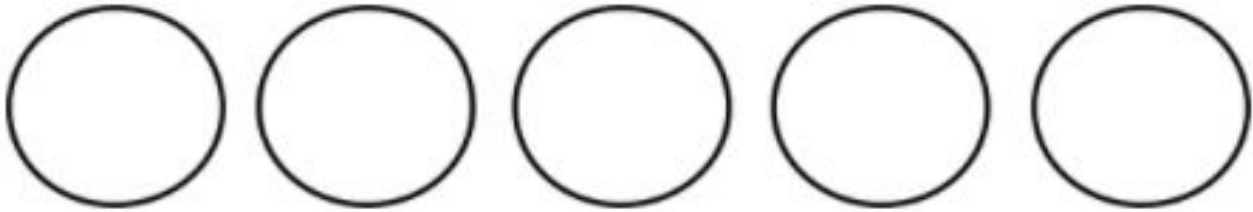
- What is the question asking you today?
-

1.



_____ groups of _____ stars = _____

2. In each circle draw 2 circles.



_____ groups of _____ circles = _____

3. Listen and follow direction:

Name _____

Date _____

1. Write a repeated addition equation to show the number of objects in each group. Then, find the total.



_____ + _____ + _____ = _____

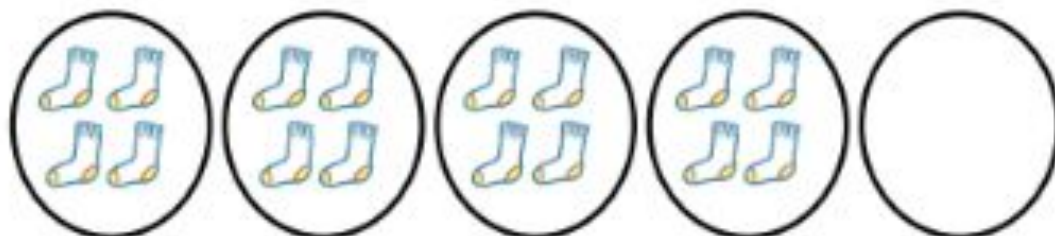
3 groups of _____ = _____



_____ + _____ + _____ + _____ = _____

4 groups of _____ = _____

2. Draw 1 more group of four. Then, write a repeated addition equation to match.



_____ + _____ + _____ + _____ + _____ = _____

5 groups of _____ = _____

3. Draw 1 more group of three. Then, write a repeated addition equation to match.



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

$$\underline{\quad} \text{ groups of } 3 = \underline{\quad}$$

4. Draw 2 more equal groups. Then, write a repeated addition equation to match.



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

$$\underline{\quad} \text{ groups of } 2 = \underline{\quad}$$

5. Draw 3 groups of 5 stars. Then, write a repeated addition equation to match.

Name _____

Date _____

1. Write a repeated addition equation to show the number of objects in each group. Then, find the total.



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

3 groups of $\underline{\quad}$ = $\underline{\quad}$



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

4 groups of $\underline{\quad}$ = $\underline{\quad}$

2. Draw 1 more equal group.



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

5 groups of $\underline{\quad}$ = $\underline{\quad}$

3. Draw 1 more group of four. Then, write a repeated addition equation to match.



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

$$\underline{\quad} \text{ groups of } 4 = \underline{\quad}$$

4. Draw 2 more equal groups. Then, write a repeated addition equation to match.



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

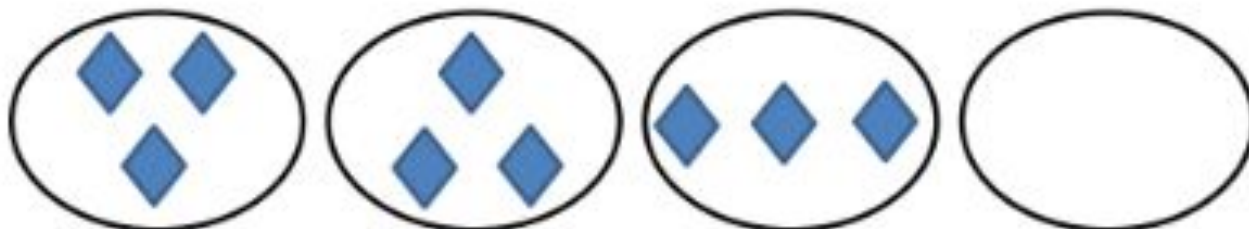
$$\underline{\quad} \text{ groups of } 4 = \underline{\quad}$$

5. Draw 4 groups of 3 circles. Then, write a repeated addition equation to match.

Name _____

Date _____

1. Draw 1 more equal group.



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

$$4 \text{ groups of } \underline{\quad} = \underline{\quad}$$

2. Draw 2 groups of 3 stars. Then, write a repeated addition equation to match.



Multiplication as repeated addition

Write how many.

There are groups.

There are in each group.

You can add.

You can multiply.



$$\boxed{2} + \boxed{2} + \boxed{2} = \boxed{6}$$

$$\boxed{3} \text{ twos} = \boxed{6}$$

$$\boxed{3} \times \boxed{2} = \boxed{6}$$

Write how many.



$$2 + 2 + 2 + 2 = \boxed{}$$

$$4 \text{ twos} = \boxed{}$$



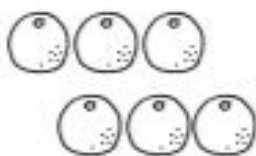
$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \text{ twos} = \boxed{}$$



$$\boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \text{ twos} = \boxed{}$$



$$3 + 3 = \boxed{}$$

$$2 \text{ threes} = \boxed{}$$



$$\boxed{} + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \text{ threes} = \boxed{}$$



$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} \text{ threes} = \boxed{}$$

Write how many.



How many groups?

How many in each group?

Write as addition.

$$\boxed{} + \boxed{} + \boxed{} = \boxed{}$$

Write as multiplication.

$$\boxed{} \times \boxed{} = \boxed{}$$



How many groups?

How many in each group?

Write as addition.

$$\boxed{} + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$

Write as multiplication.

$$\boxed{} \times \boxed{} = \boxed{}$$

$1) 28 - 20 = \underline{\quad}$

$2) 517 + 400 = \underline{\quad}$

$3) 1293 - 500 = \underline{\quad}$

$4) 64 + 80 = \underline{\quad}$

$5) 92 - 40 = \underline{\quad}$

$6) 54 + 40 = \underline{\quad}$

$7) 55 + 1 = \underline{\quad}$

$8) 69 - 8 = \underline{\quad}$

$9) 78 - 1 = \underline{\quad}$

$10) 27 + 70 = \underline{\quad}$

$11) 76 + 20 = \underline{\quad}$

$12) 1121 - 700 = \underline{\quad}$

$13) 85 + 5 = \underline{\quad}$

$14) 23 - 20 = \underline{\quad}$

$15) 388 + 800 = \underline{\quad}$



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Tuesday, May 18th

ELA Test Tuesday

“Help Protect Butterflies!”

1	Butterflies are important pollinators. They help the plants we eat to grow. Some butterflies are in danger, though. Weather patterns around the world are changing. Changes in weather can cause problems for butterflies.
2	These changes in weather can be a problem for butterflies for many reasons. The changes in weather can cause a drought. A drought is a long time with little or no rain. The plants that caterpillars eat can't grow without rain. These changes in weather can also kill flowers. Then butterflies cannot get enough to eat.
3	The changes in weather also cause strong storms. Storms are a big problem for butterflies. Heavy rain can damage their wings. Even a single raindrop can harm a butterfly! But butterflies can stay safe if there are plants where they can hide.
4	Changing weather also affects the temperature outside. This is another problem for butterflies. The change in temperature can affect when butterflies reproduce and migrate . Butterflies may do these things at the wrong time if the temperature gets too hot or too cold.
5	Butterflies can be in danger from changing weather patterns. Let's help butterflies by protecting the places they live.

Glossary:

Reproduce: to make a new plant, human, or animal like oneself.

Migrate: to change habitat or location.

Question 1: What is the main topic of “Help Protect Butterflies!”? (RI.2.2)

- A. Changes in weather are dangerous for butterflies.
- B. Strong storms and rain are dangerous for butterflies.
- C. Too much heat or cold is dangerous for butterflies.
- D. Plants dying is dangerous for butterflies.

Question 2: What is the focus of Paragraph 2? (RI.2.1, RI.2.2)

- A. Changing temperature is dangerous for butterflies.
- B. Too much water is dangerous for butterflies.
- C. Drought is dangerous for butterflies.
- D. Butterflies need water to drink.

Question 3: What is one reason changes in weather can cause problems for butterflies? (RI.2.1, RI.2.8)

- A. The changes can cause blizzards.
- B. The changes can cause butterflies to get too hot.
- C. The changes can cause butterflies to freeze.
- D. The changes can cause storms.

Question 4: How do storms affect butterflies? (RI.2.1, RI.2.8)

- A. Butterflies can drown.
- B. Rain can damage their wings.
- C. Rain can kill caterpillars.
- D. Storms can blow them away.

Question 5: What is another reason that changes in weather can cause problems for butterflies? (RI.2.1, RI.2.8)

- A. The temperature outside can change.
- B. The kind of food they eat can change.
- C. Their habitats can change.
- D. The amount of sunlight can change.

Question 6: How do changes in the temperature outside affect butterflies? (RI.2.1, RI.2.8)

- A. Butterflies can get too hot when they are flying outside.
- B. Butterflies can reproduce or migrate at the wrong time.
- C. Butterflies can have frozen wings when they try to fly.
- D. Butterflies can stay inside when they need to move.

Question 7: Look at the chart below. Read the facts. Put an X to show where each point appears. Use your copy of *A Place for Butterflies* and “Help Protect Butterflies!” to help you. (RI.2.9)

	<i>A Place for Butterflies</i>	“Help Protect Butterflies!”
Changes in weather can cause problems for butterflies.		
There are many things we can do to protect butterflies.		
Butterflies are in danger.		

Question 8: On the chart above, underline one important point that is made in both texts.

Name: _____

ch	ph	sh

lunchroom	inches	sunshine	beaches
kitchen	milkshake	cushion	dishes
elephant	alphabet	telephone	teacher
wishing	mushroom	ketchup	nephew

$7 - 4 = \square$

$5 + 0 = \square$

$8 - 4 = \square$

$1 - 1 = \square$

$10 + 1 = \square$

$5 - 2 = \square$

$2 + 4 = \square$

$5 - 1 = \square$

$10 - 1 = \square$

$5 - 1 = \square$

$4 + 3 = \square$

$7 + 4 = \square$

$3 - 2 = \square$

$8 - 2 = \square$

$11 + 0 = \square$

$8 + 1 = \square$

$5 - 2 = \square$

$5 - 4 = \square$

$2 + 2 = \square$

$5 - 1 = \square$

$7 + 4 = \square$

$11 + 1 = \square$

$10 - 3 = \square$

$3 - 1 = \square$

$6 + 4 = \square$

$3 - 2 = \square$

$12 + 0 = \square$

$4 + 3 = \square$

$2 + 4 = \square$

$5 + 0 = \square$

$11 + 0 = \square$

$6 - 1 = \square$

$10 + 2 = \square$

$9 - 1 = \square$

$7 + 1 = \square$

$3 + 2 = \square$

$8 + 1 = \square$

$8 - 3 = \square$

$10 - 5 = \square$

$2 - 1 = \square$

Day 20: Read the word problem

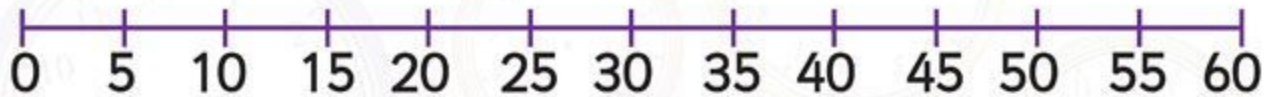
2nd grade has recess starts at 2:25 pm. It ends at 2:45 pm. How long is their recess?

Check off each thing:

- Read the question.
 - Re-Read the question.
 - What information is important?
-
-

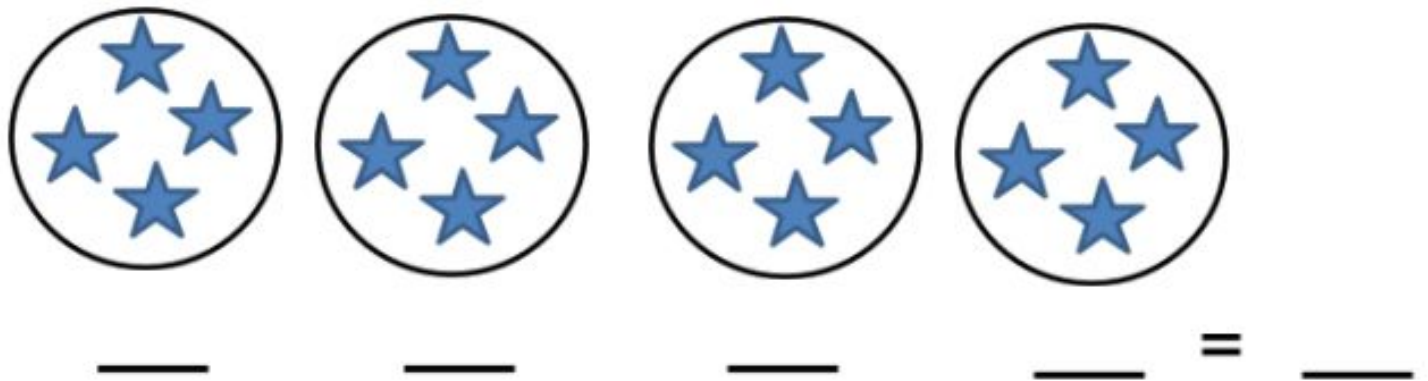
- What is the question asking you today?
-

Let's use this number line to help us solve!



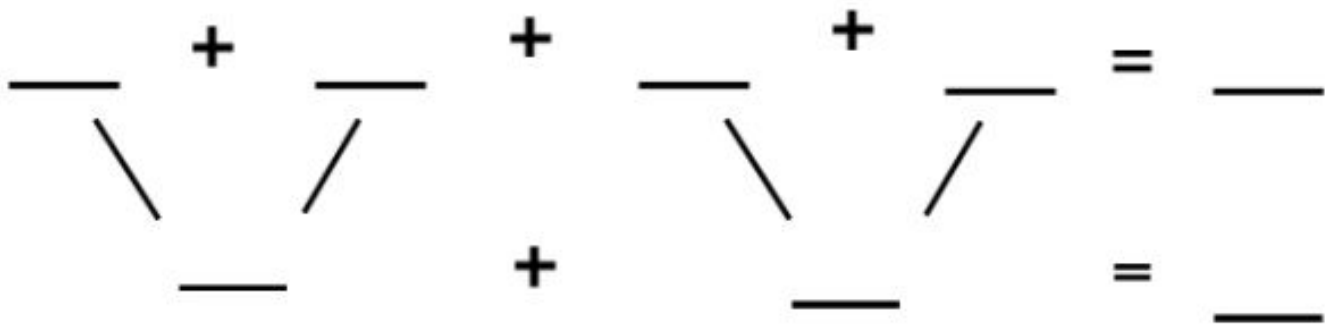
Concept development:

1.



_____ groups of _____ stars = _____

2. Isn't there an easier way to do this?



4 groups of _____ stars = _____ or 2 groups of _____

3.) Now let's try:

4 groups of 5 circles = _____ groups of _____




4.) 6 groups of 3 = _____ groups of _____



5.) 5 groups of 2



c.



_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ = _____

_____ + _____ + _____ + _____ = _____

8 groups of _____ = 4 groups of _____

2. Write a repeated addition equation to match the picture. Then, group addends into pairs, and add to find the total.

a.




_____ + _____ + _____ + _____ + _____ = _____

_____ + _____ + 3 = _____

_____ + 3 = _____

b.



_____ + _____ + _____ = _____

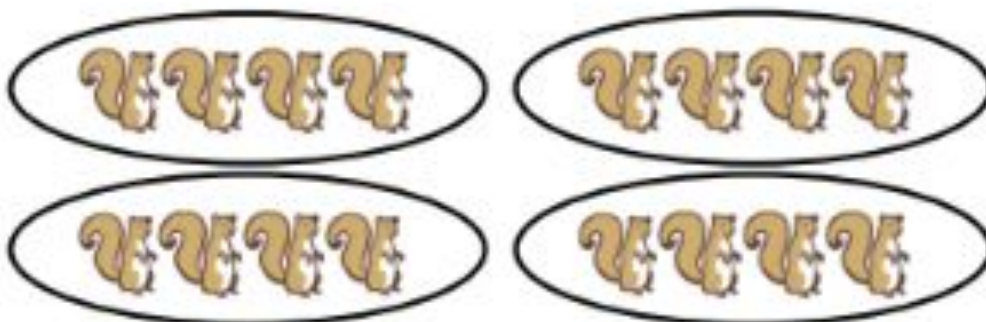
_____ + 3 = _____

Name _____

Date _____

1. Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.

a.



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ \backslash & & / & & \backslash & & / & & \\ \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \end{array}$$

4 groups of _____ = 2 groups of _____

b.



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ & & & & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \end{array}$$

4 groups of _____ = 2 groups of _____



_____ + _____ + _____ + _____ = _____

_____ + _____ = _____

4 groups of _____ = 2 groups of _____

2. Write a repeated addition equation to match the picture. Then, group addends into pairs, and add to find the total.



_____ + _____ + _____ + _____ + _____ = _____

_____ + _____ + 3 = _____

_____ + 3 = _____



_____ + _____ + _____ + _____ + _____ = _____

_____ + _____ + 2 = _____

_____ + 2 = _____

Name _____

Date _____

Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.



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

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

4 groups of $\underline{\quad}$ = 2 groups of $\underline{\quad}$

$1) 10 - 2 = \underline{\quad}$

$2) 785 + 400 = \underline{\quad}$

$3) 18 - 5 = \underline{\quad}$

$4) 47 + 2 = \underline{\quad}$

$5) 48 + 30 = \underline{\quad}$

$6) 53 - 20 = \underline{\quad}$

$7) 1027 - 300 = \underline{\quad}$

$8) 72 + 5 = \underline{\quad}$

$9) 601 + 300 = \underline{\quad}$

$10) 652 - 500 = \underline{\quad}$

$11) 774 + 100 = \underline{\quad}$

$12) 74 - 3 = \underline{\quad}$

$13) 647 + 700 = \underline{\quad}$

$14) 381 + 600 = \underline{\quad}$

$15) 97 - 2 = \underline{\quad}$



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Wednesday, May 19th

“Help Protect Butterflies!”

1	Butterflies are important pollinators. They help the plants we eat to grow. Some butterflies are in danger, though. Weather patterns around the world are changing. Changes in weather can cause problems for butterflies.
2	These changes in weather can be a problem for butterflies for many reasons. The changes in weather can cause a drought. A drought is a long time with little or no rain. The plants that caterpillars eat can't grow without rain. These changes in weather can also kill flowers. Then butterflies cannot get enough to eat.
3	The changes in weather also cause strong storms. Storms are a big problem for butterflies. Heavy rain can damage their wings. Even a single raindrop can harm a butterfly! But butterflies can stay safe if there are plants where they can hide.
4	Changing weather also affects the temperature outside. This is another problem for butterflies. The change in temperature can affect when butterflies reproduce and migrate . Butterflies may do these things at the wrong time if the temperature gets too hot or too cold.
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Glossary:

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Migrate: to change habitat or location.

Protecting Pollinators Research Notebook - Page 6
**Dangers That Butterflies Face and Reasons
Butterflies Are Important: Student Notes**

RI.2.1, RI.2.2, RI.2.4

Directions: *Work with your partner to write notes from A Place for Butterflies below.*

Dangers That Butterflies Face

Name _____

Write the word	Add -s	Add -ed

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dry

cry

spy

stay

enjoy

carry

worry

apply

spy

obey

destroy

fry

$$\begin{array}{r} 11 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$$

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

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

Day 30: Read the word problem

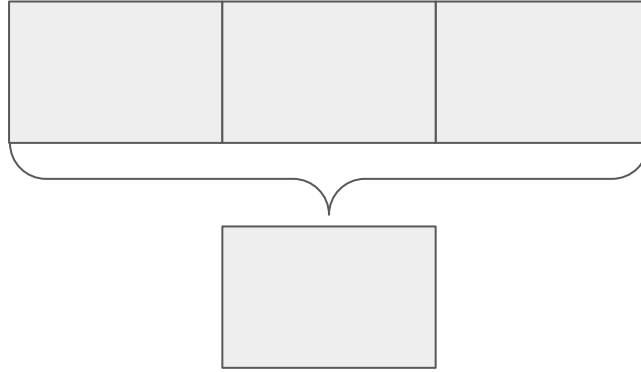
2nd grade has recess starts at 2:25 pm. If we decided that we needed our recess to be longer and need it to be 1 hour long! What time do we need to come back in?

Check off each thing:

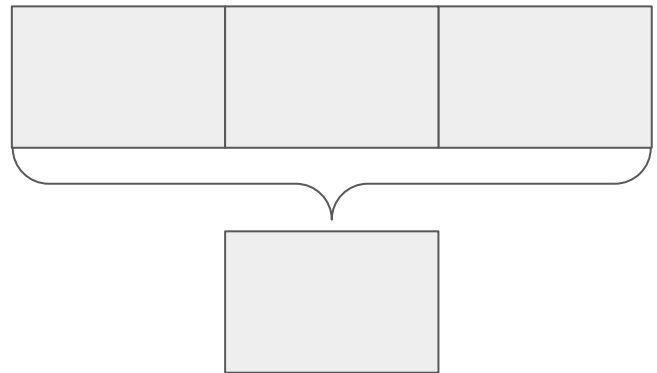
- Read the question.
 - Re-Read the question.
 - What information is important?
-
-

- What is the question asking you today?
-

1. There are 2 apples in Jane's bag, 3 apples in Sam's bag, and 1 apple in Ann's bag. How many apples do the children have in all?

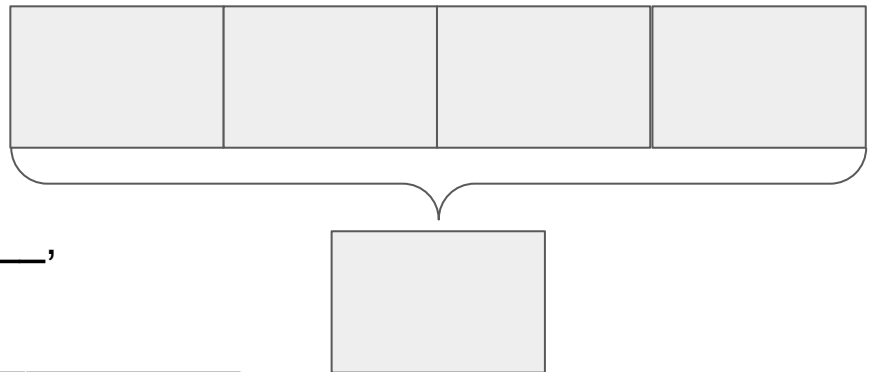


2. How would this model be different if there were equal groups of 2 apples in each bag?

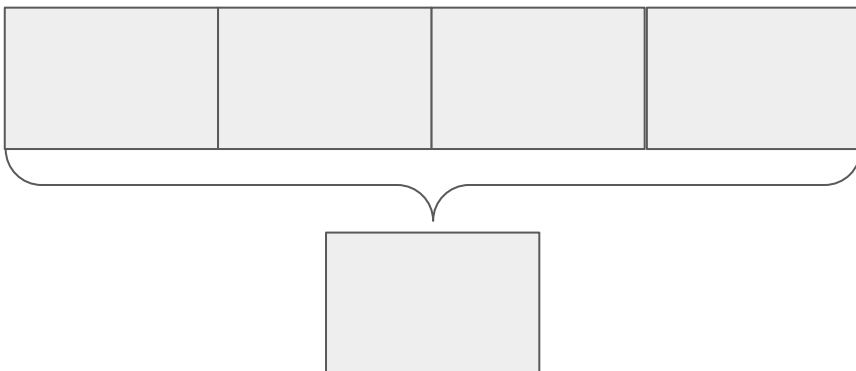


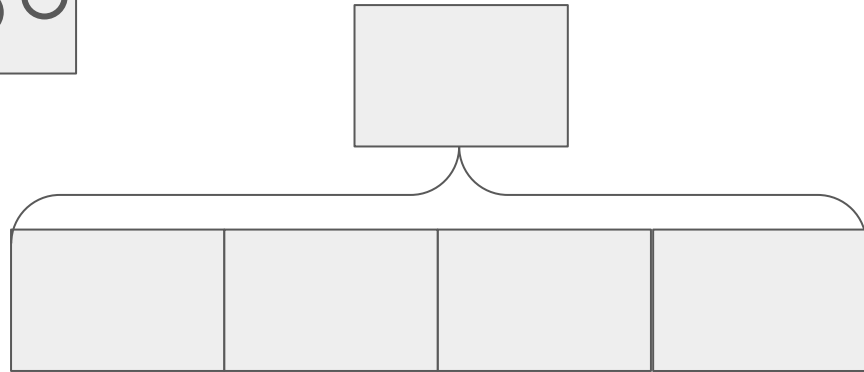
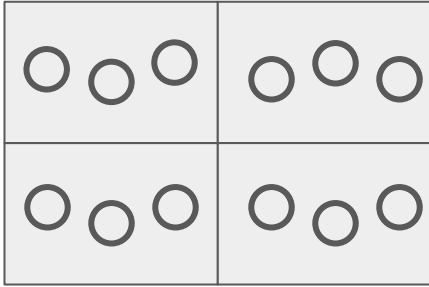
We now have ____ groups of ____

3. Now we have a tape diagram with 4 parts. Draw to show 2 dots in the first box, three in the second, 5 in the third, and 2 in the last group.



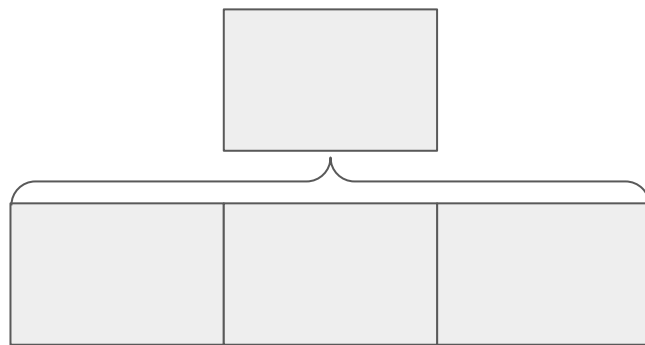
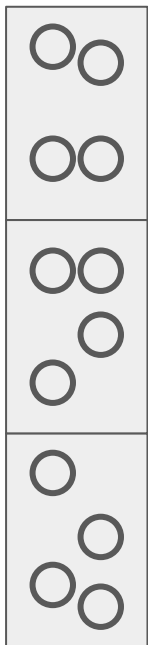
Are all the groups equal? _____,
Let's make them into equal!





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

 equal groups of



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

 equal groups of

Name _____

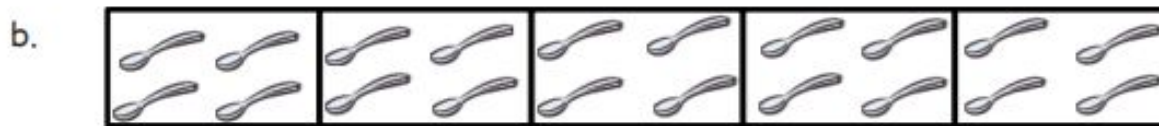
Date _____

1. Write a repeated addition equation to find the total of each tape diagram.



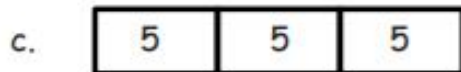
_____ + _____ + _____ + _____ = _____

4 groups of 2 = _____



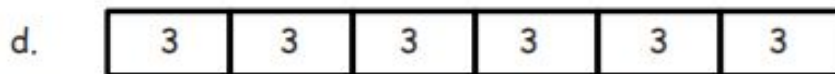
_____ + _____ + _____ + _____ + _____ = _____

5 groups of _____ = _____



_____ + _____ + _____ = _____

3 groups of _____ = _____



_____ + _____ + _____ + _____ + _____ + _____ = _____

_____ groups of _____ = _____

2. Draw a tape diagram to find the total.

a. $3 + 3 + 3 + 3 = \underline{\hspace{2cm}}$

b. $4 + 4 + 4 = \underline{\hspace{2cm}}$

c. 5 groups of 2

d. 4 groups of 4



Name _____ Date _____

1. Write a repeated addition equation to find the total of each tape diagram.



_____ + _____ + _____ + _____ = _____

4 groups of 3 = _____



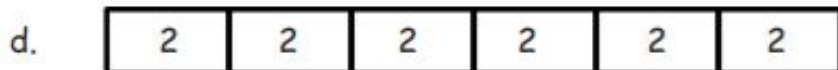
_____ + _____ + _____ + _____ + _____ = _____

5 groups of _____ = _____



_____ + _____ + _____ + _____ = _____

4 groups of _____ = _____



_____ + _____ + _____ + _____ + _____ + _____ = _____

_____ groups of _____ = _____

2. Draw a tape diagram to find the total.

a. $5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$

b. $4 + 4 + 4 + 4 + 4 = \underline{\hspace{2cm}}$

c. 4 groups of 2

d. 5 groups of 3

e.



Name _____

Date _____

Draw a tape diagram to find the total.

1. 

2. 3 groups of 3

3. $2 + 2 + 2 + 2 + 2$

$1) 589 + 200 = \underline{\quad}$

$2) 803 - 100 = \underline{\quad}$

$3) 44 + 5 = \underline{\quad}$

$4) 353 - 300 = \underline{\quad}$

$5) 113 - 50 = \underline{\quad}$

$6) 59 + 20 = \underline{\quad}$

$7) 377 + 100 = \underline{\quad}$

$8) 67 - 3 = \underline{\quad}$

$9) 339 - 100 = \underline{\quad}$

$10) 19 - 2 = \underline{\quad}$

$11) 95 + 50 = \underline{\quad}$

$12) 489 + 500 = \underline{\quad}$

$13) 31 - 9 = \underline{\quad}$

$14) 45 + 90 = \underline{\quad}$

$15) 64 - 2 = \underline{\quad}$



Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Thursday, May 20th

Dangers That Butterflies Face and Reasons Butterflies Are Important: Class Notes



Dangers That Butterflies Face

Reasons Butterflies Are Important to Plants

Reasons Butterflies Are Important to Animals

Name _____

Write the word	Add -s	Add -ed

© 2014 by Linda Ward Beech, Scholastic Teaching Resources

obey

destroy

fry

marry

sway

annoy

play

tidy

spray

try

shy

pry

$4 - 4 = \square$

$5 - 2 = \square$

$10 + 3 = \square$

$1 - 1 = \square$

$4 - 3 = \square$

$4 - 3 = \square$

$5 - 1 = \square$

$10 + 5 = \square$

$1 + 0 = \square$

$5 - 4 = \square$

$8 + 0 = \square$

$4 + 1 = \square$

$6 - 5 = \square$

$6 + 1 = \square$

$6 + 6 = \square$

$3 + 2 = \square$

$7 + 3 = \square$

$5 + 1 = \square$

$11 + 5 = \square$

$5 - 2 = \square$

$12 - 5 = \square$

$7 + 5 = \square$

$10 + 6 = \square$

$9 - 2 = \square$

$1 - 1 = \square$

$4 - 4 = \square$

$9 - 4 = \square$

$11 + 4 = \square$

$10 - 2 = \square$

$6 + 6 = \square$

$10 - 2 = \square$

$6 + 6 = \square$

$11 + 0 = \square$

$2 + 1 = \square$

$5 - 5 = \square$

$6 - 3 = \square$

$8 - 6 = \square$

$8 - 6 = \square$

$3 + 4 = \square$

$2 - 2 = \square$

Day 30: Read the word problem

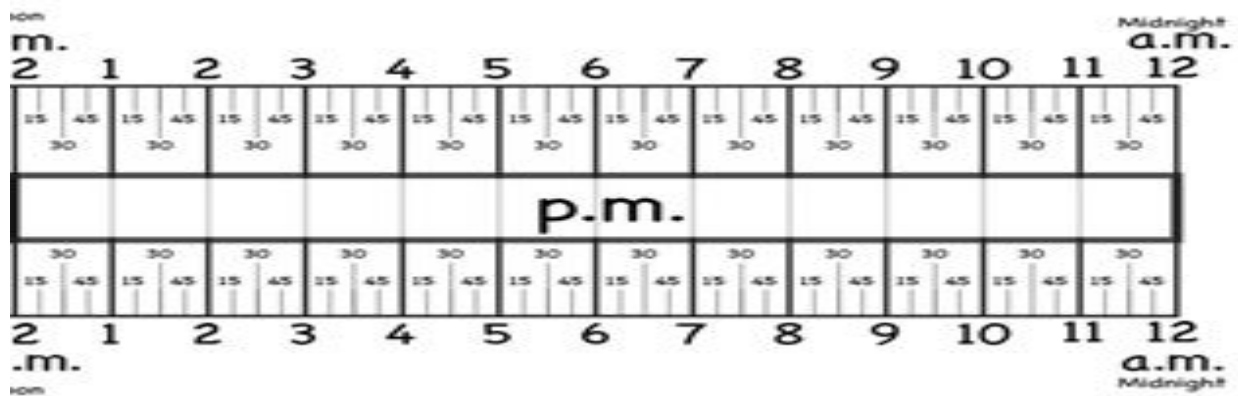
2nd grade has recess starts at 2:25 pm. If we decided that we needed our recess to be longer and need it to be 1 hour long! What time do we need to come back in?

Check off each thing:

- Read the question.
- Re-Read the question.
- What information is important?

-
- What is the question asking you today?
-

Let's use this to solve!



Concept development: Problem #1

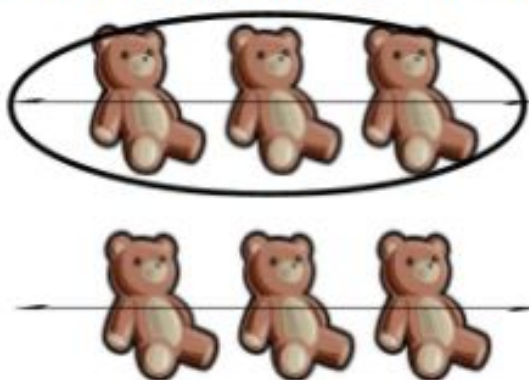
An array is a set that shows equal groups in _____ and _____.

1. Circle the bears so there are 2 groups



a. _____ groups of _____ bears = _____

2. If I put the bears into an array in **rows** it would go **across**, or _____ to _____, like this.



Row 1

Row 2

A.

I have 10 pumpkins, circle groups of 5.
Then, draw the pumpkins into 2 rows.



B.

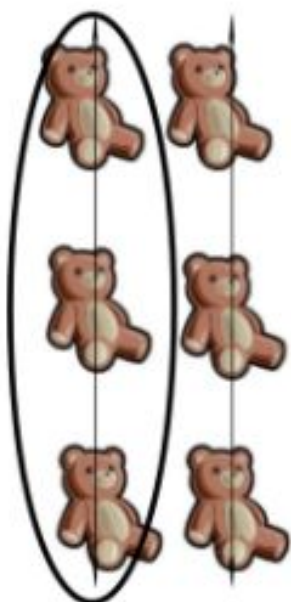
I have 12 triangles. Circle groups of 4 and draw them into 3 rows.



3. If I put them into an array in _____ it would go up and _____, like this.

Column 1

2



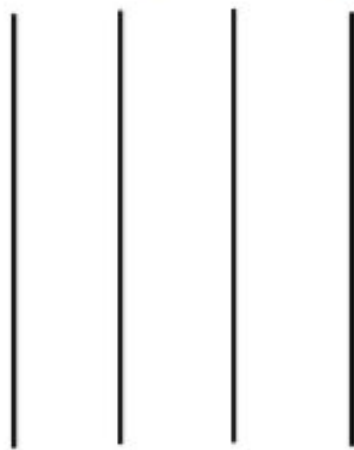
A.

I have the same 10 pumpkins, circle groups of 5. then draw the pumpkins into 2 columns.



B.

I have the same 12 triangles. Circle groups of 3 and draw them into 4 columns!



Redrawing arrays:

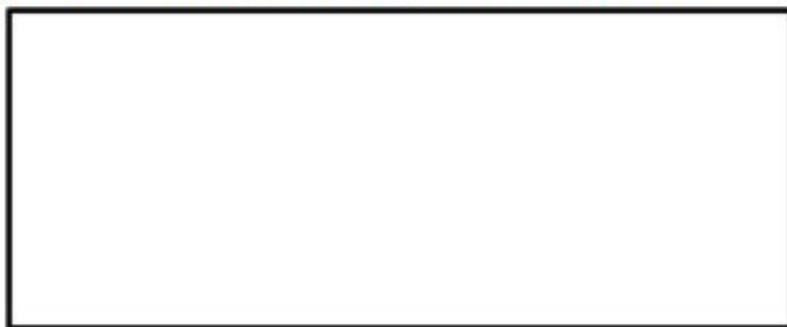
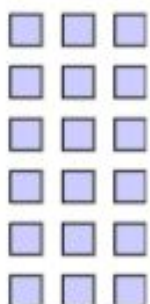
4. Circle the **rows** in all three arrays.



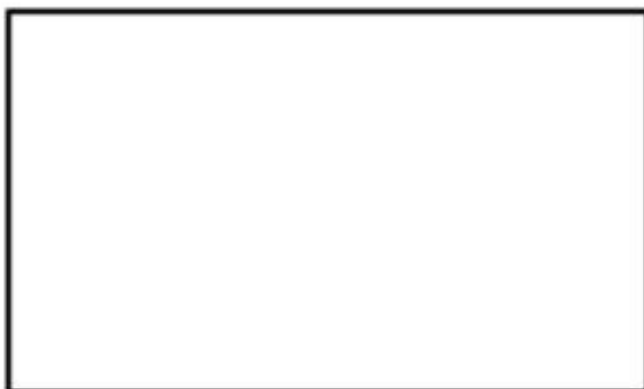
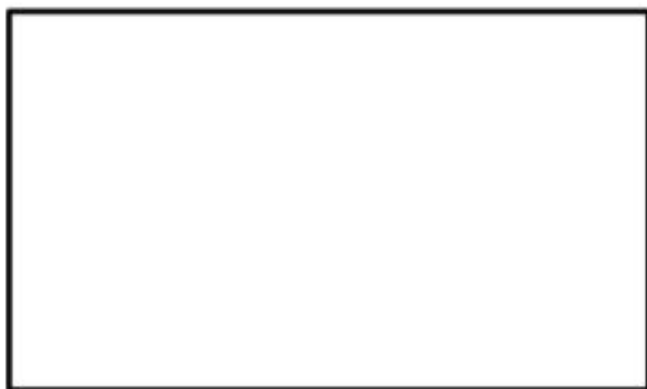
5. Circle the **columns** in all three arrays.



6. Re-draw the squares array below into **columns of 3** in the box below:

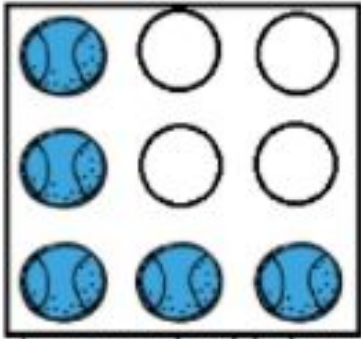


7. Draw an array of 12 circles in two different ways:



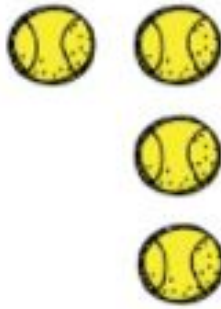
8. Complete the array:

Example!



An array should always be a full rectangle!

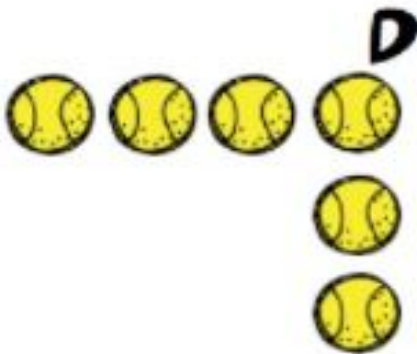
A



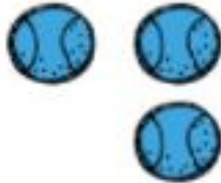
B



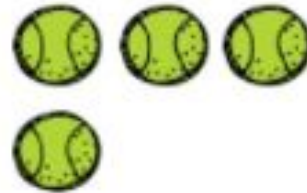
C



D



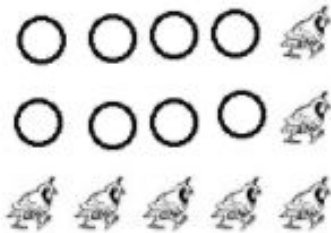
E



F

9. More practice:

Example!



An array should always be a full rectangle!

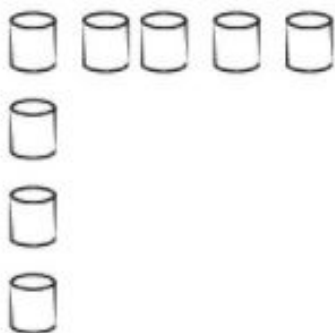
A



B



C



D



E

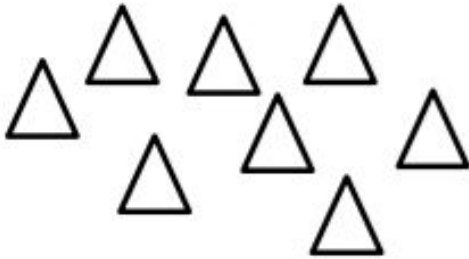


F

Name _____

Date _____

1. Circle groups of four. Then, draw the triangles into 2 equal rows.



2. Circle groups of two. Redraw the groups of two as rows and then as columns.



3. Circle groups of three. Redraw the groups of three as rows and then as columns.



4. Count the objects in the arrays from left to right by rows and by columns. As you count, circle the rows and then the columns.

a.



b.



5. Redraw the circles and stars in Problem 4 as columns of two.

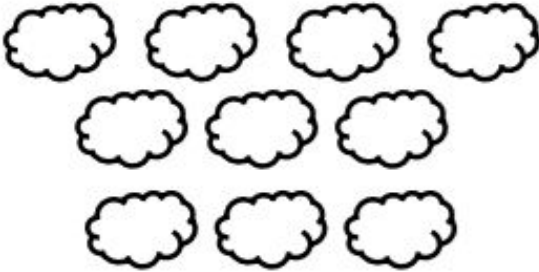
6. Draw an array with 15 triangles.

7. Show a different array with 15 triangles.

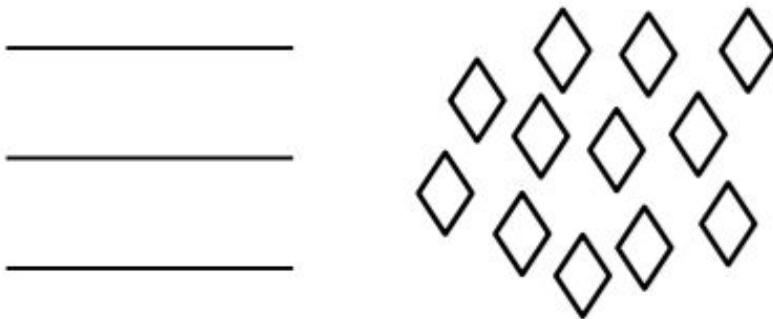
Name _____

Date _____

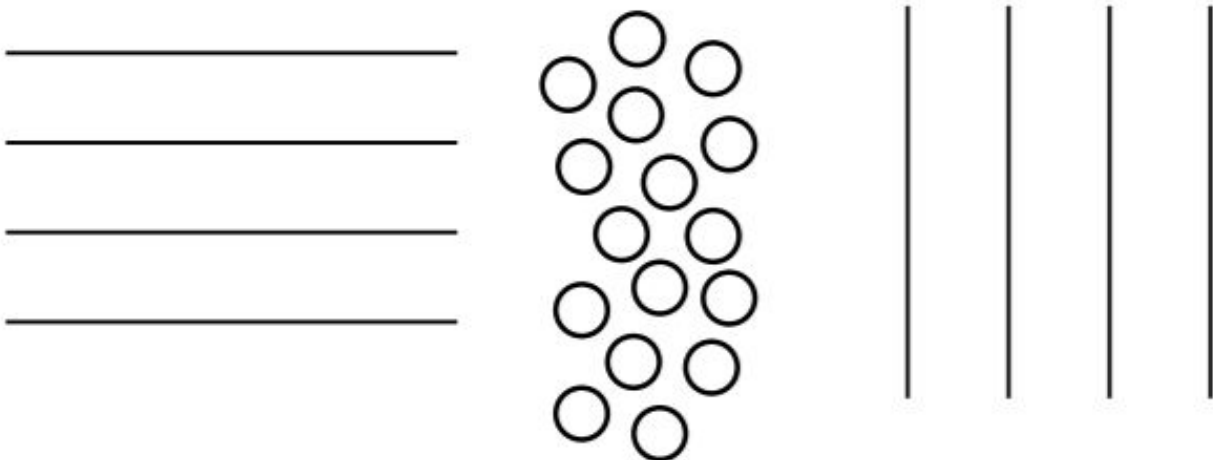
1. Circle groups of five. Then, draw the clouds into two equal rows.



2. Circle groups of four. Redraw the groups of four as rows and then as columns.



3. Circle groups of four. Redraw the groups of four as rows and then as columns.



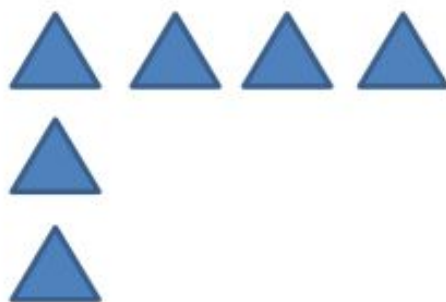
Name _____

Date _____

1. Circle groups of three. Redraw the groups of three as rows and then as columns.



2. Complete the array by drawing more triangles. The array should have 12 triangles in all.



$1) 25 + 2 = \underline{\quad}$

$2) 1092 - 400 = \underline{\quad}$

$3) 14 + 5 = \underline{\quad}$

$4) 28 - 20 = \underline{\quad}$

$5) 27 - 2 = \underline{\quad}$

$6) 38 - 30 = \underline{\quad}$

$7) 52 + 6 = \underline{\quad}$

$8) 715 + 500 = \underline{\quad}$

$9) 238 + 400 = \underline{\quad}$

$10) 72 + 1 = \underline{\quad}$

$11) 30 - 5 = \underline{\quad}$

$12) 322 - 200 = \underline{\quad}$

$13) 68 - 20 = \underline{\quad}$

$14) 58 + 30 = \underline{\quad}$

$15) 1277 - 400 = \underline{\quad}$



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Ms. Park	Ms. Hildebrand	Ms. Severino

Friday, May 21st

**Reasons Butterflies Are
Important to Plants**

**Reasons Butterflies Are
Important to Animals**

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 0 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ - 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

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

Concept development:

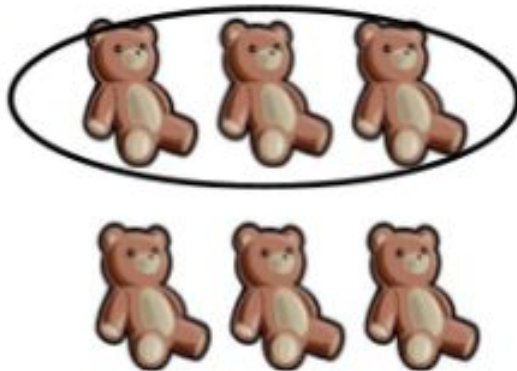
An _____ is a set that shows _____ groups in rows and columns.

1. Circle the bears so there are 2 groups



a. _____ groups of _____ bears = _____

2. If I put the bears into an array in **ROWS** it would go _____, or side to side, like this.



A. Circle the row of apples!
_____ rows of apples.



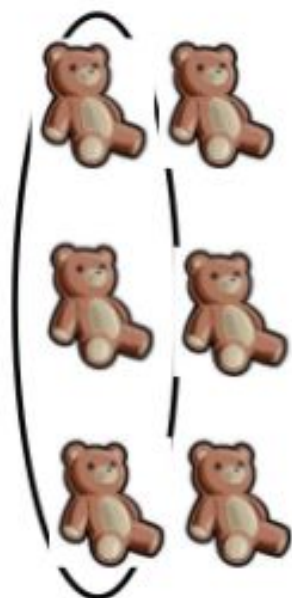
4 rows of _____ = _____
_____ + _____ + _____ + _____ = _____

B. Circle the row of pumpkins!
_____ rows of pumpkins



2 rows of _____ = _____
_____ + _____ = _____

3. If I put them into an array in **columns** it would go _____ and _____, like this.



A. Circle the columns of apples!
 _____ columns of apples.



6 columns of _____ = _____
 _____ + _____ + _____ + _____ + _____ + _____ = _____

B. Circle the columns of pumpkins!
 _____ columns of pumpkins



7 columns of _____ = _____
 _____ + _____ + _____ + _____ + _____ + _____ + _____ = _____

Name _____

Date _____

1. Complete each missing part describing each array.

Circle rows.



5 rows of _____ = _____

_____ + _____ + _____ + _____ + _____ = _____

Circle columns.



3 columns of _____ = _____

_____ + _____ + _____ = _____

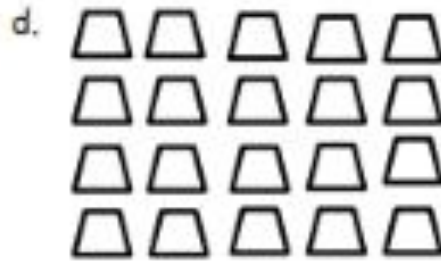
Circle rows.



4 rows of _____ = _____

_____ + _____ + _____ + _____ = _____

Circle columns.



5 columns of _____ = _____

_____ + _____ + _____ + _____ + _____ = _____

2. Use the array of triangles to answer the questions below.

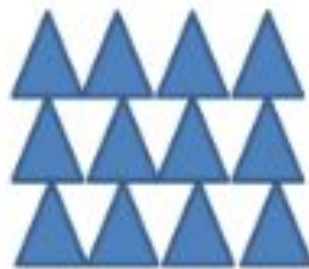
a. ____ rows of ____ = 12

b. ____ columns of ____ = 12

c. ____ + ____ + ____ = ____

d. Add 1 more row. How many triangles are there now? ____

e. Add 1 more column to the new array you made in 2(d). How many triangles are there now? ____



3. Use the array of squares to answer the questions below.

a. ____ + ____ + ____ + ____ + ____ = ____

b. ____ rows of ____ = ____

c. ____ columns of ____ = ____

d. Remove 1 row. How many squares are there now? ____

e. Remove 1 column from the new array you made in 3(d). How many squares are there now? ____



Name _____

Date _____

1. Complete each missing part describing each array.

Circle rows.



3 rows of _____ = _____

____ + ____ + ____ = _____

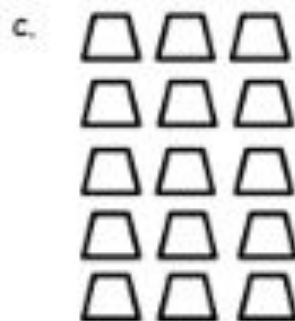
Circle columns.



4 columns of _____ = _____

____ + ____ + ____ + ____ = _____

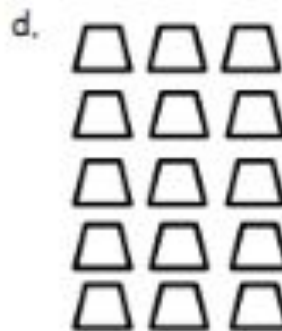
Circle rows.



5 rows of _____ = _____

____ + ____ + ____ + ____ + ____ = _____

Circle columns.



3 columns of _____ = _____

____ + ____ + ____ = _____

Name _____

Date _____

Use the array to answer the questions below.



a. _____ rows of _____ = _____

b. _____ columns of _____ = _____

c. _____ + _____ + _____ + _____ = _____

d. Add 1 more row. How many stars are there now? _____

e. Add 1 more column to the new array you made in (d). How many stars are there now? _____

$1) 41 + 9 = \underline{\quad}$

$2) 98 - 7 = \underline{\quad}$

$3) 15 - 10 = \underline{\quad}$

$4) 38 + 60 = \underline{\quad}$

$5) 36 + 8 = \underline{\quad}$

$6) 97 - 70 = \underline{\quad}$

$7) 36 + 90 = \underline{\quad}$

$8) 101 - 100 = \underline{\quad}$

$9) 60 - 10 = \underline{\quad}$

$10) 958 + 500 = \underline{\quad}$

$11) 95 + 9 = \underline{\quad}$

$12) 195 - 100 = \underline{\quad}$

$13) 869 + 600 = \underline{\quad}$

$14) 57 + 80 = \underline{\quad}$

$15) 69 - 8 = \underline{\quad}$

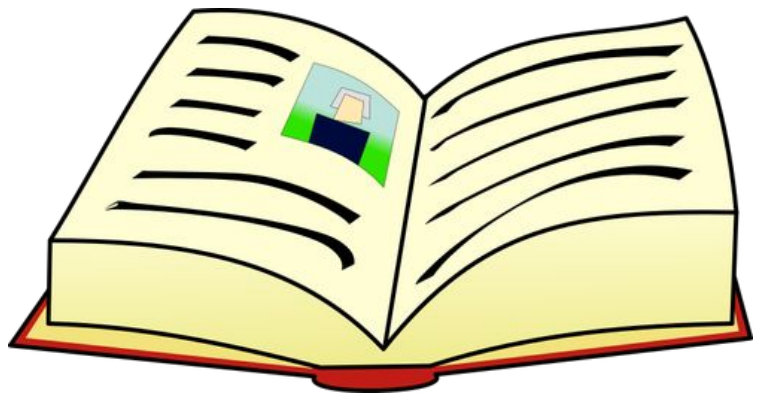


Barnard College	Columbia University	New York University
Ms. Park	Ms. Hildebrand	Ms. Severino

Close Reading

May 17-21

Name:



Name: _____

Canoeing

Canoes have been around a long time! Today, canoes are used for recreation and sport activities. Some people are worried that canoes can turn over very easily, but if handled properly and with a little training canoes can be safe and fun.

Stay in the center of the canoe, hold onto the sides if needed, and avoid jerky movements. Life jackets should be worn while paddling a canoe and someone should know where you are going so that you will be safe. Paddles are used to propel and steer the canoe. Canoeing can be a fun way to see nature!



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1. Remembering: Main Idea

Who? _____ →
What _____ →
Why? _____ → _____

2. Understanding: Details

Write 3 sentences about what you remember or learned.

3. Applying

Why would canoes be important to humans?

4. Analyzing

What are some things you need to do to have a safe and fun trip in a canoe?

5. Evaluating

What would you predict could happen if you did not practice paddling a canoe or following the instructions?

6. Creating

Plan a trip somewhere in a canoe. Where would you travel?

7. Your Opinion

Would you feel safe riding in a canoe?

Note-Taking Guide



main idea



connection

underline

key detail



surprising detail



unfamiliar word,
phrase, or content



"I understand"

Reading A-Z