

4/19/17 CCM6

What is statistics?

What are statistical questions?

1. Agenda...Unit 13 page 5
2. Complete Wed warm-ups
3. New packets! Unit 13

Warm-ups Wed Q4 Wk2

$$\textcircled{1} \quad \frac{1}{3} \div \frac{6}{1} = \frac{1}{3} \cdot \frac{1}{6} = \frac{1}{18}$$

$$\textcircled{2} \quad \frac{24}{18} = \frac{12}{9} = \frac{4}{3}$$

4:3
4 to 3

CCM6/CCM6+ Unit 13

Collect, Analyze, and Display Data

2016 – 2017

Name: _____

Math Teacher: _____

Projected Quiz Date: Wed 4/26 + Mon 5/8Projected Test Date: Thurs 5/11

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Intro to Statistics

What is Statistics? *collecting data, analyze it, use it to decide @ predict*

Why is it important? *good decisions improve life 😊*

What are statistical questions? *generates lots of answers*

The teacher will show you a variety of questions. Determine whether the question is statistical or non-statistical and write the questions under the correct heading.

Statistical	Non-Statistical
<i>B D G H</i>	<i>E A C F J</i>
<i>I K L</i>	

Chose one of the statistical questions from the list above and determine how you might find the answer to this question.

What are ways in which you can collect data?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

In your group, decide which questions **are statistical** and which **are not**....make two groups.

INSPIRING **curiosity****Writing Statistical Questions**

Name: _____

Date: _____

Write a statistical question for each population described below.

1. Some students in middle school ride the bus.
2. Children lose their teeth at different ages.
3. A lot of sixth graders like to play an instrument.
4. Families prefer to travel to different places in the summer.
5. Different breeds of dogs have different average weights.

Now write a statistical question using a population or scenario of your choosing. Be as specific as possible.

If time, here's a short video about Statistics:

[https://app.discoveryeducation.com/learn/videos/
7cf3dd15-48bd-49aa-826c-89eb05e30de5?hasLocalHost=false](https://app.discoveryeducation.com/learn/videos/7cf3dd15-48bd-49aa-826c-89eb05e30de5?hasLocalHost=false)



you → plural
your

HW p.5

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Asking Statistical Questions Activity

For each question indicate whether the question is a statistical or non-statistical question and indicate a reason for your answer.

Question	Stat (Y/N)	Reason
1. What colors are our shoes?		
2. How many pockets do I have on my clothes?		
3. How many different languages are spoken at our school?		
4. How far can I jump?		
5. Who likes McDonald's happy meals?		
6. Is my last name the longest name in class?		
7. What is the favorite lunch among all 5 th graders at school?		
8. Can I roll my tongue?		
9. Are cars speeding in our school zone?		
10. Does salt affect the time it takes water to boil?		
11. Who was the oldest president of the USA?		
12. Which gum holds its flavor longer?		