## Unit 1 Lesson 13: Use Bar Graphs to Compare

### WU True or False: Make Ten with 9 (Warm up)

#### Student Task Statement

Decide if each statement is true or false. Be prepared to explain your reasoning.

* $9+4=9+1+3$
* $9+4=10+3$
* $9+5=10+6$

### 1 What’s the Difference?

#### Student Task Statement

A group of third grade students were asked, "What pets do you have?" Their responses are shown in the bar graph.

What do you notice? What do you wonder?



Their responses are also shown in this bar graph.



How many more students have cats than have rabbits? Show two ways to find the difference.

### 2 Dogs in the Park

#### Student Task Statement

Kiran and Lin counted the types of dogs they saw in a park. Their data is shown in the bar graph.



1. Make this statement true: There are more
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
1. Write an addition and a subtraction equation to show how many more.
2. Make this statement true: There are fewer
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
1. Write an addition and subtraction equation to show how many fewer.

#### Images for Activity Synthesis





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