

By the end of this lesson you will be able to _____.

Example 1 - If Candidate A received 6 votes and Candidate B received 8 votes. How many different ratios can be used to describe the results?

What is a *ratio*? _____

What are the three ways to represent a ratio? 1) _____

2) _____

3) _____

What two quantities are being compared in the problem?

1) _____ and 2) _____

Write two Part-to-Part Ratios

1)

1)

2)

2)

Write two Part to Whole Ratios

Write each of the part-to-part ratios using the three methods.

1) _____

2) _____

Write each of the part-to-whole ratios using the three methods.

1) _____

2) _____

Finish these two sentences...

1) Ratios should be _____.

2) Ratios should be left as _____.

Example 2 - Fill in the table with that categorizes the first 50 movies that came out in the first few months of 2013. Use ratios to describe this information.

Identify three part-to-part ratios and write them using each of the three forms.

1)

2)

3)

Identify three part-to-whole ratios and write them using each of the three forms.

1)

2)

3)

Movie Genre	Number of Movies
Action/Adventure	
Comedy	
Drama/Romance	
Animation	
Science Fiction/Fantasy	
Suspense	

Example 3 - A Tennis Camp has an enrollment of _____ athletes. _____ of those athletes are girls. What is the ratio of girls to boys?

What ratio does the information in the problem allow you to create? _____

What ratio does the question ask for? _____

How can you determine the number of boys at this camp given the information from the problem?

What is the ratio of girls to boys at the camp written in three different forms?

Your Turn to Practice

Fill in the problems with the correct values or words from the video.

1) In a small bag of M&Ms there are _____ brown, _____ red, _____ blue, and _____ green M&Ms. What is the ratio of _____ to _____ M&Ms?

2) The ratio of girls to all campers at a sports camp was _____ to _____. What was the ratio of _____ to _____ at this camp?

3) Using the table, write each ratio as a fraction.

a) Orange to Yellow

b) Green to Red

c) Blue to All Students

d) Purple or Blue to Yellow

Favorite Colors of Students	
Colors	Number of Students
Orange	
Purple	
Yellow	
Blue	
Green	
Red	