

Skittles Ratios

Name: _____ Period: _____ Date: _____

Ratios can be written in 4 forms: 1:6 1 to 6 $1/6$ 1 out of 6

You will use the Skittles provided by the teacher for this activity.

Please **DO NOT** eat any of the Skittles.

In your groups, make sure everyone is working together and sharing roles.

You may write your ratios in any form that you prefer for this activity.

Empty the Skittles from the baggie onto the table. As you are finding your ratios show/represent each ratio on your table with the Skittles.

Part I

Total number of Skittles _____

Number of red Skittles _____ Number of green Skittles _____

Number of purple Skittles _____ Number of yellow Skittles _____

Number of orange Skittles _____

Find the ratio of red Skittles to total Skittles _____

Find the ratio of green Skittles to total Skittles _____

Find the ratio of purple Skittles to total Skittles _____

Find the ratio of yellow Skittles to total Skittles _____

Find the ratio of orange Skittles to total Skittles _____

Find the ratio of red Skittles to purple Skittles _____

Find the ratio of orange Skittles to purple Skittles _____

Find the ratio of red Skittles to yellow Skittles _____

Find the ratio of orange Skittles to purple Skittles _____

Find the ratio of green Skittles to red Skittles _____

Find the ratio of green Skittles to orange Skittles _____

In the last Olympics, the United States received nine gold medals, seven silver medals, and eleven bronze medals. Write the ratio of gold medals to total medals. Make sure you write the ratio three different ways and in simplest form. Then explain what this ratio represents in words.

Last year, Cam Newton had thirty-five passing touchdowns and ten rushing touchdowns. Write a ratio for rushing touchdowns to total touchdowns. Write the ratio three separate ways and in simplest form. Then explain in words what this ratio represents.

Mr. Colville opened a bag of M&M's last night. He noticed that he had 4 green, 5 brown, 6 red, 2 yellow, 3 orange, and 1 blue. What is the ratio of red to blue M&M's? Write the ratio three separate ways. Then explain what this ratio represents in words.