



In this activity you will work together to explore equivalent ratios and examine patterns in tables of equivalent ratios. After completing the activity, discuss and/or present your findings to the rest of the class.



Activity [Page 1.3]

1. a. How is the ratio 3 green squares to 5 orange circles related to the ratio 18 green squares to 30 orange circles? Explain your reasoning.

b. Explain how the rows in the table generated for the ratio 3:5 are related.

2. Reset the page and use the arrows at the top of the page to change the ratio to 5 green squares for every 2 orange circles.
For each of the following, predict what you think the answer will be, and then check your answer using the TNS activity.
 - a. The number of orange circles for 20 green squares

 - b. The number of green squares 12 orange circles

 - c. Will you ever have 22 green squares? Why or why not?

 - d. Reset the page and use the arrows at the top of the page to change the ratio to 5 green squares for every 2 orange circles. How are the values in one row of the table related to the values in the next row?