

1. Ratio and Proportion

Grade 6
R-2, R-4, R6a

Materials: Colored linking cubes
or Rainbow cubes
grid paper

1. Use the blocks to show 4 ratios that are equivalent to a ratio of 5 to 7. Record. You can use grid paper.
2. Give three examples of ratios in real-life situations.
3. Complete the activity sheet.

When you have completed this station,
place answer sheet and activity sheet in your portfolio

Label your portfolio entry.

Please tidy up the station.

2. Ratio and Proportion

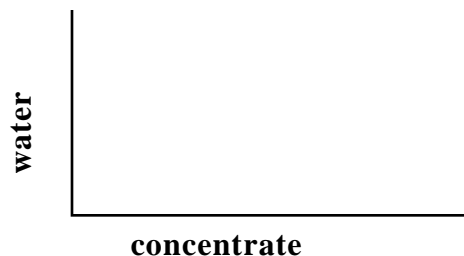
Grade 6
R-4, R-6b, A-10

Materials: Can of frozen juice
Spreadsheet program (optional)

1. What ratio of the water to concentrate is needed to make this juice?
2. Suppose you wanted to make more than one can. Fill in the chart below to show how much you need in each case.

concentrate	1	2	3	4	5	6	7
juice							

3. Use the graph paper to draw a graph in the first quadrant.



4. You may choose to do this work using a spreadsheet on your computer.

When you have completed this station,
place answer sheet and activity sheet in your portfolio

Label your portfolio entry.

Please tidy up the station.

3. Ratio and Proportion

**Grade 6
R-11**

Materials: flyers and newspaper
calculator

- 1. At one store hockey sock tape is sold at 6 rolls for \$10.86. At another store 8 rolls cost \$14.24. Which is the better buy?**

- 2. Use the flyers and the newspapers to create 3 problems the involve unit pricing to calculate the best price. Solve the problems (show your work).**

When you have completed this station,
place answer sheet and activity sheet in your portfolio

Label your portfolio entry.

Please tidy up the station.

4. Ratio and Proportion

Grade 6
R-2, R-13
R-14, R-15

Materials: 10 x 10 grids
crayons

1. Use the 10 x 10 grids to illustrate the following:

- a) a ratio of 1:5
- b) 57%
- c) 0.37
- d) $\frac{2}{5}$
- e) a ratio of 1:99

2. Use a 10 by 10 grid to design a logo in one color.

Follow the lines in the grid. Diagonal lines are not allowed!

Express the squares you colored as a

- a) percentage
- b) fraction
- c) decimal number
- d) ratio

When you have completed this station,
staple all your grids together and place in your portfolio
Label your portfolio entry.

Please tidy up the station.