

## Lesson 5-1 Notes Ratios and Unit Rates

Geo: <https://www.brainpop.com/math/ratioproportionandpercent/ratios/> (username & password: sttim)

### What is a ratio?

**Ratio:** A comparison of two quantities by division.

#### Ways to Write Ratios

7 to 6

red stripes to  
white stripes on  
flag

7 : 6

$\frac{\#}{\#}$      $\frac{7}{6}$

**You Try!** Complete ratio paper activity.

**Write a ratio in three ways, comparing the first quantity to the second.**

1) A week has five school days and two weekend days.

5 to 2    5:2     $\frac{5}{2}$

2) About 24 out of 25 Californians live in a metropolitan area.

24 to 25    24:25     $\frac{24}{25}$

3) About one in every four people swims at least six times each year.

1 to 4    1:4     $\frac{1}{4}$

**Write a math statement based on the ratio below (this can be made-up or silly):**

