

Ratio Tables and Unit Rates



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Invented juice mixture

Invented practice data or scenario; not a report of a real study.
A practice recipe uses 2 cups of concentrate for 5 cups of water. Keep this ratio for each batch.

Concentrate	Water
2	5
4	10
6	15

1. How much water is needed for 8 cups of concentrate?

2. A cyclist travels 36 km in 3 hours at a constant speed. Find km per hour.

3. How much concentrate is needed for 25 cups of water?

4. Five notebooks cost \$15 in an invented shop. What is the cost per notebook?

5. At 12 km per hour, how far is traveled in 2.5 hours?

6. Why does adding 2 to both numbers in 2:5 fail to preserve the ratio?

