

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?
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2. A cyclist travels 36 km in 3 hours at a constant speed. Find km per hour.
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## Ratio Tables and Unit Rates



Name: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

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

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

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