

Ratio Reasoning

Concept

Keep the relationship steady.

Name: _____

Date: _____

Think: A ratio compares amounts. Multiply or divide BOTH parts by the same number and it stays equal.

1. Solve each one. Reason it out!

1) A recipe uses 2 cups of flour and 3 cups of sugar. You make 2 batches. How many cups of flour do you need?

3) Write the ratio 8 : 12 in its simplest form. _____

5) Write the ratio 4 : 20 in its simplest form. _____

7) Write the ratio 2 : 8 in its simplest form. _____

9) A recipe uses 3 cups of flour and 1 cups of sugar. You make 2 batches. How many cups of flour do you need?

2) A recipe uses 2 cups of flour and 2 cups of sugar. You make 3 batches. How many cups of flour do you need?

4) Write the ratio 15 : 25 in its simplest form. _____

6) A recipe uses 4 cups of flour and 2 cups of sugar. You make 3 batches. How many cups of flour do you need?

8) Write the ratio 8 : 10 in its simplest form. _____

10) Write the ratio 12 : 30 in its simplest form.
