

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!

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|--|---|
| 1) Write the ratio 6 : 10 in its simplest form. _____ | 2) Write the ratio 18 : 30 in its simplest form. _____ |
| 3) A recipe uses 3 cups of flour and 3 cups of sugar. You make 3 batches. How many cups of flour do you need?
_____ | 4) A recipe uses 4 cups of flour and 1 cups of sugar. You make 3 batches. How many cups of flour do you need?
_____ |
| 5) Write the ratio 10 : 4 in its simplest form. _____ | 6) Write the ratio 2 : 6 in its simplest form. _____ |
| 7) Write the ratio 12 : 20 in its simplest form. _____ | 8) A recipe uses 2 cups of flour and 1 cups of sugar. You make 3 batches. How many cups of flour do you need?
_____ |
| 9) Write the ratio 6 : 30 in its simplest form. _____ | 10) A recipe uses 4 cups of flour and 2 cups of sugar. You make 2 batches. How many cups of flour do you need?
_____ |