

Ratio Reasoning

Concept — ANSWER KEY

Keep the relationship steady.

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

1. Answers with the thinking.

- 1) Write the ratio 6 : 10 in its simplest form. **3 : 5**

↳ divide both by 2

- 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? **9**

↳ 3×3

- 5) Write the ratio 10 : 4 in its simplest form. **5 : 2**

↳ divide both by 2

- 7) Write the ratio 12 : 20 in its simplest form. **3 : 5**

↳ divide both by 4

- 9) Write the ratio 6 : 30 in its simplest form. **1 : 5**

↳ divide both by 6

- 2) Write the ratio 18 : 30 in its simplest form. **3 : 5**

↳ divide both by 6

- 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? **12**

↳ 4×3

- 6) Write the ratio 2 : 6 in its simplest form. **1 : 3**

↳ divide both by 2

- 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? **6**

↳ 2×3

- 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? **8**

↳ 4×2