

12. Extend Your Thinking

Name: _____ **Class:** _____ **Date:** _____

1. Solve $\frac{1}{2} = \frac{3}{x}$ using a ratio table and cross-products.

2. Solve $\frac{1}{2} = \frac{3}{x}$ using a unit rate or equivalent ratios.

3. Create a proportion whose solution is a decimal and explain why the decimal is reasonable.

4. Compare two methods for $\frac{1}{2} = \frac{3}{x}$.

5. Construct a non-proportional situation that looks proportional at first.

6. Explain when cross-products are efficient and when a ratio table is more informative.
