

12. Extend Your Thinking

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

1. A relationship has . Write an equation and explain what the constant means.

2. Construct a proportional table whose outputs are decimals.

3. Construct two tables that increase by the same amount, but only one is proportional.

4. Explain why can be a straight line but not a direct proportion.

5. If a graph passes through (0,0) and (4,18), find k and the equation.

6. Describe a real-world context where the output is proportional to the input and one where it is not.
