

12. Extend Your Thinking

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

1. Why is $0.5 = 50\%$ but $0.05 = 5\%$? Use place value.

2. Can two different fractions represent the same decimal? Give an example.

3. Explain why a percent greater than 100% can still describe a comparison with one whole.

4. Find three equivalent forms for $\frac{1}{2}$. Which route was most efficient?

5. Create a conversion error that looks plausible. Then diagnose and repair it.
