

Visual Values Answer Key

1. $\frac{1}{2} < 0.60$. Sample: 0.50 is less than 0.60.
2. $\frac{3}{4} = 0.75$. Sample: Both represent the same amount.
3. $\frac{2}{5} < 0.50$. Sample: $\frac{2}{5} = 0.40$, which is less than 0.50.
4. $\frac{1}{4} > 0.20$. Sample: $\frac{1}{4} = 0.25$, which is greater than 0.20.
5. $\frac{7}{10} > 0.65$. Sample: $\frac{7}{10} = 0.70$, which is greater than 0.65.
6. $\frac{5}{8} > 0.60$. Sample: $\frac{5}{8} = 0.625$, which is greater than 0.60.

Teacher's Guide

- Model one example using a fraction bar or hundred grid before students begin independently.
- Encourage students to use the same type of visual model for both numbers in each comparison.
- Provide pre-drawn fraction bars or hundred grids for students who need additional support.
- Ask students to explain how their model proves the comparison, not just state the answer.
- Have partners compare drawings and discuss whether different models can show the same value.
- Extend the activity by asking students to create a new fraction-decimal pair, draw a model, and challenge a classmate to compare it.