

Name _____

Line Explorer Answer Key

1. Greatest: $\frac{3}{4}$
2. Least to greatest: 0.2, $\frac{2}{5}$, $\frac{3}{5}$
3. Least: 0.45
4. Greatest to least: $\frac{9}{10}$, 0.8, $\frac{3}{4}$
5. Closest values: 0.25 and $\frac{3}{10}$

Teacher's Guide

- Review benchmark values such as 0, $\frac{1}{2}$, and 1 before students begin plotting.
- Encourage students to convert fractions to decimals if they need help finding the correct position.
- Provide fraction strips or decimal grids for students who benefit from visual supports.
- Have students compare their plotted points with a partner and explain any differences.
- Invite students to estimate where each value belongs before plotting it on the number line.
- Extend the activity by asking students to create their own set of three fractions and decimals for a classmate to plot and compare.