

Understanding Rational Numbers

P 8-3

Graph each rational number on the same number line.

1. 1.5

2. $\frac{1}{2}$

3. $\frac{2}{8}$

4. -2.5

5. $-\frac{3}{4}$

Use $<$, $>$, or $=$ to compare.

6. $-0.2 \bigcirc -\frac{1}{4}$

7. $-2.5 \bigcirc -2\frac{1}{2}$

8. $-\frac{1}{2} \bigcirc -0.42$

Order from least to greatest.

9. $-\frac{6}{10}, \frac{4}{5}, \frac{7}{10}, 0.5, -\frac{4}{5}$ _____

10. $-1.2, -5.3, 5.5, -1.5$ _____

11. **Reasoning** Explain why $\frac{4}{5}$ is a rational number but is not an integer.

Test Prep

12. Which rational number is least?

A. -0.2

B. $-\frac{9}{10}$

C. $-\frac{6}{7}$

D. -0.5

13. **Writing in Math** Explain what a *rational number* is in your own words.
