

Comparing and Ordering Fractions and Decimals

P 3-11

1. Use a number line to compare 0.7 and $\frac{7}{8}$.

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

2. $\frac{3}{9}$ ○ $\frac{3}{12}$

3. $\frac{10}{100}$ ○ 0.01

4. 13.6 ○ $13\frac{3}{5}$

5. $\frac{6}{16}$ ○ 0.40

6. 4.1 ○ $4\frac{1}{12}$

7. $\frac{35}{105}$ ○ 0.2

Order from least to greatest.

8. 1.3, $\frac{27}{24}$, $1\frac{2}{5}$ _____

9. 0.4, 0.6, $\frac{5}{10}$ _____

10. **Number Sense** Compare the decimals 0.6 and 0.600. Is one greater than the other?

11. The basketball hoop used by the youngest students at Middleport School was set at 6.45 ft. The gym teacher suggested that the hoop be set no higher than $6\frac{2}{3}$ ft high. Does the basketball hoop need to be moved to meet the gym teacher's suggestion? Explain.

Test Prep

12. Which is the decimal equivalent to $\frac{450}{500}$?

A. 0.45

B. 0.450

C. 0.9

D. 1.0

13. **Writing in Math** Explain one method for comparing a decimal with a fraction.
