Lesson 5 Homework Practice

Compare and Order Fractions, Decimals, and Percents

Replace each ● **with <, >, or = to make a true statement.**

1. $\dfrac{11}{12}$ ● $\dfrac{2}{3}$

2. 0.5 ● $\dfrac{9}{18}$

3. 237.5 ● $2\dfrac{8}{24}$

4. $6\dfrac{2}{3}$ ● $6\dfrac{12}{15}$

5. 5.75 ● $5\dfrac{8}{12}$

6. $\dfrac{2}{3}$ ● $\dfrac{10}{18}$

7. $\dfrac{18}{14}$ ● $1\dfrac{2}{7}$

8. $\dfrac{11}{12}$ ● $2\dfrac{1}{3}$

9. $\dfrac{34}{18}$ ● $1\dfrac{5}{6}$

Order the fractions from least to greatest.

10. $\dfrac{3}{5}, \dfrac{1}{4}, \dfrac{1}{2}, \dfrac{2}{5}$

11. $\dfrac{7}{9}, \dfrac{13}{18}, \dfrac{5}{6}, \dfrac{2}{3}$

12. $6\dfrac{3}{4}, 6\dfrac{1}{2}, 6\dfrac{5}{6}, 6\dfrac{3}{8}$

13. $2\dfrac{2}{3}, 2\dfrac{6}{15}, 2\dfrac{3}{5}, 2\dfrac{4}{9}$

14. MUSIC Ramundus is making a xylophone. So far, he has bars that are 1.75 feet, $1\dfrac{7}{12}$ feet, and $1\dfrac{2}{3}$ feet long. What is the length of the longest bar?

15. DANCE Alana practiced dancing for $\dfrac{11}{4}$ hours on Monday, $\dfrac{19}{8}$ hours on Wednesday, and 2.6 hours on Friday. On which day did she practice the closest to 2 hours? Explain your reasoning.