Number Theory and Fractions

LESSON 6

Practice B: Mixed Numbers and Improper Fractions

Write each mixed number as an improper fraction.

1. $3\frac{1}{2}$

2. $2\frac{1}{3}$

3. $5\frac{1}{4}$

_____ _____ _____

4. $1\frac{3}{7}$

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

6. $4\frac{1}{3}$

_____ _____ _____

7. $2\frac{3}{5}$

8. $3\frac{5}{6}$

9. $7\frac{1}{3}$

_____ _____ _____

Write each improper fraction as a mixed number or whole number. Tell whether your answer is a mixed number or whole number.

10. $\frac{17}{3}$

11. $\frac{40}{8}$

12. $\frac{48}{7}$

_____ _____ _____

13. $\frac{33}{10}$

14. $\frac{50}{8}$

15. $\frac{83}{9}$

_____ _____ _____

16. $\frac{104}{8}$

17. $\frac{121}{6}$

18. $\frac{78}{11}$

_____ _____ _____

19. The hotel ordered an extra-long rug for a hallway that is $\frac{123}{2}$ feet long. What is the rug's length in feet and inches? Remember, 1 foot = 12 inches.

_____

20. During this year's football-throwing contest, John threw the ball $49\frac{2}{3}$ feet. Sharon threw the ball 51 feet. Who threw the ball $\frac{153}{3}$ feet?

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