Fraction Operations

LESSON 6

Practice C: Dividing Fractions and Mixed Numbers

Find the reciprocal.

1. $10\frac{1}{2}$

2. $6\frac{3}{7}$

3. $2\frac{8}{9}$

4. $15\frac{1}{4}$

5. $9\frac{2}{3}$

6. $7\frac{5}{8}$

Divide. Write each answer in simplest form.

7. $\frac{8}{10} \div 1\frac{5}{6}$

8. $\frac{8}{9} \div \frac{6}{7}$

9. $3\frac{3}{5} \div 2\frac{1}{4}$

10. $4\frac{1}{2} \div 2\frac{3}{8}$

11. $5\frac{5}{6} \div 3\frac{1}{6}$

12. $\frac{11}{12} \div 2\frac{5}{8}$

13. $1\frac{9}{13} \div \frac{3}{8}$

14. $6\frac{4}{5} \div 3\frac{2}{9}$

15. $8\frac{2}{11} \div 2\frac{4}{7}$

16. $9\frac{6}{13} \div 10$

17. $12\frac{1}{3} \div 5\frac{4}{5}$

18. $9\frac{2}{3} \div 6\frac{8}{9}$

19. The area of the public swimming pool is $510\frac{7}{8}$ square feet.

The pool is $30\frac{1}{2}$ feet long. What is the width of the pool?

20. At the bank, Pamela exchanged all of her quarters for 16 five-dollar bills. How many quarters did Pamela exchange?

21. Barney has $16\frac{1}{5}$ yards of fabric. He will use $5\frac{2}{5}$ yards to make each costume. How many costumes can Barney make?

Holt McDougal Mathematics