

Chapter 5 & 6
Fraction Review

Reduce fractions by dividing.

1. $\frac{15}{24} =$

2. $\frac{21}{35} =$

3. $\frac{48}{80} =$

4. $\frac{10x}{25x^2} =$

Change mixed number to improper fraction.

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

6. $7\frac{1}{3} =$

7. $11\frac{3}{4} =$

8. $8\frac{4}{7} =$

Change improper fraction to mixed number by dividing.

9. $\frac{7}{4} =$

10. $\frac{27}{5} =$

11. $\frac{50}{7} =$

12. $\frac{65}{9} =$

Compare fractions by cross-multiplying.

13. $\frac{3}{8}$ $\frac{4}{7}$

14. $\frac{7}{11}$ $\frac{5}{9}$

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

16. $\frac{5}{12}$ $\frac{8}{15}$

Change decimal to a fraction. Reduce.

17. 0.8

18. 0.24

19. 0.65

20. 0.375

Change fraction to decimal by dividing.

21. $\frac{5}{8}$

22. $\frac{8}{9}$

23. $\frac{43}{20}$

24. $\frac{7}{18}$

Adding Fractions

1. $\frac{3}{5} + \frac{1}{3} =$

3. $\frac{5}{6} + \frac{1}{8} =$

2. $\frac{2}{9} + \frac{3}{7} =$

4. $\frac{2}{5} + \frac{4}{11} =$

Adding Mixed Numbers

5. $3\frac{1}{2} + 2\frac{1}{4} =$

6. $4\frac{1}{8} + 1\frac{1}{3} =$

Add and Carry

7. $5\frac{3}{4} + 2\frac{2}{3} =$

8. $12\frac{5}{8} + 3\frac{1}{2} =$

Subtracting Fractions

9. $\frac{3}{7} - \frac{2}{5} =$

11. $\frac{9}{10} - \frac{1}{2} =$

10. $\frac{5}{8} - \frac{1}{3} =$

12. $\frac{5}{6} - \frac{2}{3} =$

Subtracting Mixed Numbers

$$13. 6\frac{4}{5} - 1\frac{1}{3} =$$

$$14. 9\frac{3}{4} - 2\frac{1}{8} =$$

Subtracting with Borrowing

$$15. \begin{array}{r} 7 \\ - 2\frac{1}{4} \\ \hline \end{array}$$

$$16. \begin{array}{r} 10\frac{1}{8} \\ - 3\frac{1}{3} \\ \hline \end{array}$$

Multiplying Fractions

Multiply, then simplify.

$$17. \frac{6}{7} \times \frac{3}{4} =$$

$$18. \frac{3}{8} \times \frac{2}{9} =$$

Simplify, then multiply.

$$19. \frac{5}{7} \times \frac{14}{25} =$$

$$20. \frac{3}{16} \times \frac{4}{9} =$$

$$21. 3\frac{3}{4} \times 2\frac{2}{5} =$$

Dividing Fractions

$$22. \frac{2}{5} \div \frac{3}{7} =$$

$$23. \frac{5}{7} \div \frac{45}{49} =$$

$$24. 3\frac{2}{3} \div \frac{1}{9} =$$