

Chapter 14 – Equivalent Fractions & Reducing Fractions

Write in simplest form.

1. $\frac{2}{6}$

2. $\frac{14}{21}$

3. $\frac{40}{50}$

4. $\frac{12}{28}$

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

6. $\frac{3}{9}$

7. $\frac{15}{45}$

8. $\frac{12}{18}$

9. $\frac{3}{27}$

10. $\frac{20}{25}$

Chapter 15 – Adding & Subtracting Like Fractions

1. $\frac{1}{7} + \frac{1}{7} =$

2. $\frac{3}{8} + \frac{2}{8} =$

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

4. $\frac{7}{10} + \frac{7}{10} =$

5. $\frac{8}{9} - \frac{4}{9} =$

6. $\frac{15}{21} - \frac{14}{21} =$

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

8. $\frac{5}{6} - \frac{2}{6} =$

9. $\frac{15}{18} + \frac{6}{18} =$

10. $\frac{16}{9} - \frac{10}{9} =$

Chapter 16 – Adding & Subtracting Unlike Fractions

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

2. $\frac{1}{6} + \frac{1}{3} =$

3. $\frac{1}{18} + \frac{1}{6} =$

4. $\frac{10}{4} - \frac{1}{8} =$

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

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

7. $3 - \frac{1}{2} =$

8. $\frac{1}{2} - \frac{3}{7} =$

9. $4 - \frac{5}{6} =$

10. $2 - \frac{3}{8} =$

Chapter 17 – Multiplying Fractions

1. $\frac{1}{4} \times \frac{4}{3} =$

2. $\frac{1}{8} \times \frac{1}{7} =$

3. $\frac{3}{5} \times \frac{2}{8} =$

4. $3 \times \frac{1}{4} =$

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

6. $\frac{6}{7} \times \frac{7}{6} =$

7. $\frac{20}{25} \times \frac{2}{4} =$

8. $\frac{20}{18} \times \frac{9}{50} =$

9. $\frac{2 \times 3 \times 5 \times 7}{4 \times 6 \times 15 \times 7} =$

10. $\frac{4 \times 9 \times 15}{2 \times 3 \times 30} =$

Chapter 18 – Dividing Fractions

1. $\frac{1}{3} \div \frac{1}{4} =$

2. $\frac{2}{5} \div \frac{1}{8} =$

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

4. $\frac{2}{9} \div 2 =$

5. $\frac{1}{4} \div \frac{1}{2} =$

6. $5 \div \frac{5}{8} =$

7. $1 \div \frac{1}{7} =$

8. $\frac{1}{10} \div \frac{3}{10} =$

9. $\frac{3}{12} \div \frac{6}{4} =$

10. $4 \div \frac{8}{3} =$

Chapter 21 – Operations with Mixed & Improper Fractions

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

2. $5 \frac{2}{3} - 3 \frac{1}{3} =$

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

4. $3 \frac{1}{9} - 1 \frac{1}{6} =$

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

6. $1 + 2 \frac{1}{2} =$

7. $3 \frac{1}{4} \times 1 \frac{1}{2} =$

8. $7 \frac{1}{3} \div 2 \frac{1}{4} =$

9. $1 \frac{1}{2} \times 2 \frac{1}{2} =$

10. $4 \frac{2}{3} \times 1 \frac{1}{5} =$

Chapter 23 – Comparing Fractions

Put the correct symbol in the circle between the fractions, showing either less than, greater than, or equal to. (< > or =)

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

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

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

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

5. $\frac{2}{3}$ $\frac{5}{8}$

6. $\frac{2}{5}$ $\frac{4}{10}$

7. $\frac{10}{16}$ $\frac{7}{16}$

8. $\frac{21}{25}$ $\frac{22}{25}$

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

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