Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 1 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

2. $6\frac{7}{10} - 2\frac{1}{2} =$

3. $4\frac{1}{6} + 2\frac{2}{3} =$

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

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

6. $6\frac{3}{4} + 4\frac{2}{5} =$

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

8. $2\frac{7}{10} - 1\frac{3}{5} =$

9. $6\frac{1}{2} - 3\frac{3}{4} =$

10. $2\frac{1}{2} + 2\frac{5}{6} =$

11. $6\frac{1}{4} + 4\frac{1}{3} =$

12. $3\frac{11}{12} - 2\frac{5}{6} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 2 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

1. $2\frac{1}{3} + 5\frac{7}{8} =$

2. $2\frac{11}{12} + 5\frac{5}{8} =$

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

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

5. $6\frac{9}{10} - 5\frac{2}{5} =$

6. $4\frac{5}{6} - 1\frac{11}{12} =$

7. $5\frac{7}{10} + 4\frac{3}{4} =$

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

9. $4\frac{1}{4} + 4\frac{2}{5} =$

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

11. $5\frac{2}{3} - 4\frac{2}{5} =$

12. $2\frac{1}{4} + 3\frac{1}{2} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 3 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

2. $5\frac{1}{2} + 4\frac{1}{6} =$ ____

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

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

5. $4\frac{9}{10} - 2\frac{3}{4} =$ ____

6. $4\frac{2}{3} + 2\frac{3}{5} =$ ____

7. $6\frac{5}{12} - 4\frac{1}{2} =$ ____

8. $4\frac{11}{12} - 2\frac{1}{2} =$ ____

9. $3\frac{1}{2} - 1\frac{1}{6} =$ ____

10. $2\frac{7}{12} + 4\frac{1}{2} =$ ____

11. $3\frac{1}{8} + 5\frac{1}{2} =$ ____

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

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 4 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

1. $6\frac{1}{6} - 4\frac{1}{2} =$

2. $2\frac{1}{3} + 2\frac{11}{12} =$

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

4. $5\frac{1}{3} - 1\frac{7}{12} =$

5. $5\frac{1}{6} + 1\frac{11}{12} =$

6. $6\frac{1}{3} + 3\frac{5}{12} =$

7. $6\frac{1}{12} + 3\frac{5}{8} =$

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

9. $5\frac{1}{3} + 3\frac{3}{4} =$

10. $6\frac{7}{12} - 3\frac{1}{2} =$

11. $2\frac{1}{2} - 1\frac{5}{6} =$

12. $3\frac{7}{12} + 1\frac{1}{8} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 5 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

1. $3\frac{5}{8} + 4\frac{1}{4} =$

2. $4\frac{1}{2} + 4\frac{7}{12} =$

3. $4\frac{1}{6} - 3\frac{11}{12} =$

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

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

6. $4\frac{5}{8} - 1\frac{3}{4} =$

7. $6\frac{1}{4} - 1\frac{1}{2} =$

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

9. $5\frac{5}{6} + 4\frac{2}{3} =$

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

11. $4\frac{5}{6} - 3\frac{1}{2} =$

12. $6\frac{1}{8} + 4\frac{1}{4} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 6 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

2. $3\frac{1}{3} + 5\frac{1}{6} =$

3. $2\frac{3}{4} - 1\frac{5}{6} =$

4. $3\frac{5}{12} + 4\frac{5}{8} =$

5. $5\frac{3}{4} - 3\frac{9}{10} =$

6. $5\frac{2}{3} - 3\frac{1}{2} =$

7. $3\frac{5}{8} + 5\frac{5}{6} =$

8. $5\frac{3}{4} - 2\frac{1}{3} =$

9. $2\frac{1}{2} - 1\frac{7}{12} =$

10. $3\frac{1}{12} + 2\frac{1}{3} =$

11. $4\frac{5}{6} + 1\frac{3}{4} =$

12. $5\frac{3}{4} - 1\frac{1}{2} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 7 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

1. $6\frac{1}{2} + 4\frac{4}{5} =$

2. $3\frac{1}{12} - 1\frac{1}{4} =$

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

4. $2\frac{7}{8} - 1\frac{7}{12} =$

5. $4\frac{3}{8} + 4\frac{1}{6} =$

6. $5\frac{7}{12} + 1\frac{5}{6} =$

7. $5\frac{1}{6} - 2\frac{2}{3} =$

8. $4\frac{2}{3} + 3\frac{1}{6} =$

9. $2\frac{3}{10} - 1\frac{1}{2} =$

10. $3\frac{9}{10} - 1\frac{3}{4} =$

11. $5\frac{2}{3} + 2\frac{3}{8} =$

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

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 8 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

2. $3\frac{3}{5} + 5\frac{9}{10} =$

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

4. $5\frac{1}{12} - 3\frac{1}{8} =$

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

6. $3\frac{1}{2} + 3\frac{1}{4} =$

7. $5\frac{1}{2} - 3\frac{7}{10} =$

8. $4\frac{1}{2} + 2\frac{4}{5} =$

9. $2\frac{3}{8} + 5\frac{1}{2} =$

10. $4\frac{5}{12} - 2\frac{1}{2} =$

11. $4\frac{5}{6} - 3\frac{1}{8} =$

12. $6\frac{1}{3} + 4\frac{3}{4} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 9 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

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

3. $2\frac{3}{4} + 1\frac{5}{8} =$

4. $2\frac{3}{8} + 2\frac{5}{6} =$

5. $6\frac{9}{10} - 5\frac{1}{4} =$

6. $5\frac{7}{8} + 4\frac{1}{2} =$

7. $3\frac{1}{2} - 2\frac{11}{12} =$

8. $4\frac{5}{6} - 1\frac{5}{12} =$

9. $6\frac{2}{5} + 1\frac{1}{2} =$

10. $5\frac{1}{12} - 4\frac{3}{4} =$

11. $6\frac{1}{2} - 3\frac{3}{10} =$

12. $3\frac{1}{4} - 1\frac{4}{5} =$

Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 10 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

2. $4\frac{2}{3} + 4\frac{5}{6} =$

3. $2\frac{1}{8} - 1\frac{5}{6} =$

4. $6\frac{3}{10} - 5\frac{1}{2} =$

5. $6\frac{9}{10} - 1\frac{2}{5} =$

6. $2\frac{2}{5} + 5\frac{1}{2} =$

7. $5\frac{1}{2} - 2\frac{5}{8} =$

8. $5\frac{1}{3} + 4\frac{1}{6} =$

9. $5\frac{9}{10} + 4\frac{3}{4} =$

10. $4\frac{1}{2} + 1\frac{5}{12} =$

11. $5\frac{3}{8} - 1\frac{1}{6} =$

12. $4\frac{7}{8} + 4\frac{3}{4} =$