Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 1 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

1. $4\frac{5}{6} \times \frac{1}{5} =$

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

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

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

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

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

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

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

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

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

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

12. $2\frac{3}{4} \times 4 =$

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 2 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

3. $3\frac{5}{6} \times 2\frac{3}{5} =$

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

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

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

7. $2\frac{1}{5} \times 3\frac{3}{4} =$

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

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

10. $3\frac{3}{4} \times 4 =$

11. $3\frac{2}{3} \times 2 =$

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

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 3 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

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

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

5. $2\frac{5}{6} \times 6 =$

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

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

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

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

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

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

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

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 4 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

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

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

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

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

7. $2\frac{1}{2} \times 6 =$

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

9. $1\frac{1}{6} \times 6 =$

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

11. $1\frac{1}{4} \times \frac{1}{2} =$

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

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 5 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

1. $3\frac{1}{2} \times 3\frac{1}{2} =$ ☐

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

3. $3\frac{2}{3} \times 2\frac{1}{3} =$ ☐

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

5. $4\frac{1}{3} \times 2 =$ ☐

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

7. $2\frac{2}{5} \times \frac{1}{2} =$ ☐

8. $1\frac{4}{5} \times 5 =$ ☐

9. $1\frac{1}{2} \times \frac{1}{5} =$ ☐

10. $3\frac{1}{6} \times 6 =$ ☐

11. $4\frac{5}{6} \times \frac{1}{2} =$ ☐

12. $4\frac{3}{4} \times 5 =$ ☐

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 6 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

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

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

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

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

7. $2\frac{1}{4} \times \frac{1}{5} =$

8. $4\frac{1}{2} \times \frac{1}{2} =$

9. $3\frac{1}{5} \times 6 =$

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

11. $4\frac{1}{6} \times \frac{1}{2} =$

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

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 7 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

3. $2\frac{1}{2} \times \frac{1}{3} =$ ☐

4. $1\frac{1}{4} \times 6 =$ ☐

5. $1\frac{5}{6} \times \frac{1}{2} =$ ☐

6. $3\frac{2}{3} \times 4 =$ ☐

7. $2\frac{5}{6} \times \frac{2}{3} =$ ☐

8. $2\frac{1}{6} \times 3 =$ ☐

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

10. $3\frac{1}{6} \times 3\frac{1}{2} =$ ☐

11. $2\frac{3}{4} \times 3 =$ ☐

12. $3\frac{2}{3} \times 1\frac{3}{5} =$ ☐

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 8 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

3. $3\frac{1}{3} \times 2 =$ ____

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

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

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

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

8. $2\frac{3}{4} \times 2\frac{3}{5} =$ ____

9. $4\frac{5}{6} \times 4 =$ ____

10. $2\frac{2}{5} \times \frac{5}{6} =$ ____

11. $2\frac{1}{2} \times 2\frac{1}{3} =$ ____

12. $4\frac{1}{5} \times \frac{1}{2} =$ ____

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 9 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

1. $2\frac{1}{2} \times \frac{1}{6} =$ ☐

2. $1\frac{1}{2} \times 5 =$ ☐

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

4. $1\frac{3}{4} \times \frac{1}{6} =$ ☐

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

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

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

8. $1\frac{4}{5} \times \frac{5}{6} =$ ☐

9. $3\frac{2}{3} \times 5 =$ ☐

10. $3\frac{1}{6} \times 2 =$ ☐

11. $4\frac{4}{5} \times 2 =$ ☐

12. $2\frac{1}{6} \times 2\frac{1}{3} =$ ☐

Name: _____ Date: _____

Multiplying Mixed Numbers

Grade 5 | Multiplying mixed numbers by whole numbers, fractions, and mixed numbers | Version 10 of 10

Multiply. Change each mixed number to an improper fraction first. Write each answer in simplest form.

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

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

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

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

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

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

7. $4\frac{1}{2} \times \frac{1}{5} =$

8. $1\frac{1}{3} \times 4 =$

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

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

11. $4\frac{2}{5} \times 2\frac{1}{2} =$

12. $4\frac{3}{4} \times 6 =$