# Multiplying Mixed Numbers - ANSWER KEY

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. $4\frac{5}{6} \times \frac{1}{5} =$ **29/30**

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

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

4. $1\frac{1}{4} \times 3\frac{1}{4} =$ **4 1/16**

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

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

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

8. $2\frac{3}{5} \times \frac{4}{5} =$ **2 2/25**

9. $4\frac{2}{3} \times 5 =$ **23 1/3**

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

11. $3\frac{5}{6} \times 2\frac{1}{4} =$ **8 5/8**

12. $2\frac{3}{4} \times 4 =$ **11**

# Multiplying Mixed Numbers - ANSWER KEY

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. $2\frac{1}{6} \times \frac{4}{5} =$ **1 11/15**

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

3. $3\frac{5}{6} \times 2\frac{3}{5} =$ **9 29/30**

4. $1\frac{5}{6} \times \frac{3}{5} =$ **1 1/10**

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

6. $1\frac{2}{5} \times 5 =$ **7**

7. $2\frac{1}{5} \times 3\frac{3}{4} =$ **8 1/4**

8. $4\frac{1}{2} \times 6 =$ **27**

9. $1\frac{3}{5} \times 2\frac{3}{5} =$ **4 4/25**

10. $3\frac{3}{4} \times 4 =$ **15**

11. $3\frac{2}{3} \times 2 =$ **7 1/3**

12. $2\frac{3}{4} \times \frac{2}{5} =$ **1 1/10**

# Multiplying Mixed Numbers - ANSWER KEY

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. $3\frac{2}{5} \times 5 =$ **17**

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

3. $3\frac{1}{6} \times \frac{1}{4} =$ **19/24**

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

5. $2\frac{5}{6} \times 6 =$ **17**

6. $4\frac{1}{3} \times 1\frac{2}{3} =$ **7 2/9**

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

8. $4\frac{1}{2} \times 1\frac{2}{3} =$ **7 1/2**

9. $4\frac{1}{2} \times 3\frac{2}{3} =$ **16 1/2**

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

11. $2\frac{3}{4} \times \frac{3}{5} =$ **1 13/20**

12. $3\frac{5}{6} \times 2 =$ **7 2/3**

# Multiplying Mixed Numbers - ANSWER KEY

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

2. $4\frac{5}{6} \times \frac{3}{5} =$ **2 9/10**

3. $2\frac{1}{5} \times 1\frac{3}{5} =$ **3 13/25**

4. $3\frac{1}{4} \times \frac{5}{6} =$ **2 17/24**

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

6. $2\frac{1}{2} \times 2\frac{1}{4} =$ **5 5/8**

7. $2\frac{1}{2} \times 6 =$ **15**

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

9. $1\frac{1}{6} \times 6 =$ **7**

10. $4\frac{4}{5} \times 3\frac{4}{5} =$ **18 6/25**

11. $1\frac{1}{4} \times \frac{1}{2} =$ **5/8**

12. $1\frac{2}{5} \times \frac{3}{4} =$ **1 1/20**

# Multiplying Mixed Numbers - ANSWER KEY

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

2. $1\frac{5}{6} \times 2\frac{1}{4} =$ **4 1/8**

3. $3\frac{2}{3} \times 2\frac{1}{3} =$ **8 5/9**

4. $1\frac{5}{6} \times \frac{3}{4} =$ **1 3/8**

5. $4\frac{1}{3} \times 2 =$ **8 2/3**

6. $4\frac{3}{4} \times 3\frac{1}{2} =$ **16 5/8**

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

8. $1\frac{4}{5} \times 5 =$ **9**

9. $1\frac{1}{2} \times \frac{1}{5} =$ **3/10**

10. $3\frac{1}{6} \times 6 =$ **19**

11. $4\frac{5}{6} \times \frac{1}{2} =$ **2 5/12**

12. $4\frac{3}{4} \times 5 =$ **23 3/4**

# Multiplying Mixed Numbers - ANSWER KEY

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

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

3. $1\frac{3}{5} \times 1\frac{1}{3} =$ **2 2/15**

4. $1\frac{1}{2} \times 1\frac{4}{5} =$ **2 7/10**

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

6. $1\frac{1}{2} \times 1\frac{1}{4} =$ **1 7/8**

7. $2\frac{1}{4} \times \frac{1}{5} =$ **9/20**

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

9. $3\frac{1}{5} \times 6 =$ **19 1/5**

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

11. $4\frac{1}{6} \times \frac{1}{2} =$ **2 1/12**

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

# Multiplying Mixed Numbers - ANSWER KEY

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

2. $4\frac{3}{5} \times \frac{1}{3} =$ **1 8/15**

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

4. $1\frac{1}{4} \times 6 =$ **7 1/2**

5. $1\frac{5}{6} \times \frac{1}{2} =$ **11/12**

6. $3\frac{2}{3} \times 4 =$ **14 2/3**

7. $2\frac{5}{6} \times \frac{2}{3} =$ **1 8/9**

8. $2\frac{1}{6} \times 3 =$ **6 1/2**

9. $1\frac{5}{6} \times 1\frac{2}{5} =$ **2 17/30**

10. $3\frac{1}{6} \times 3\frac{1}{2} =$ **11 1/12**

11. $2\frac{3}{4} \times 3 =$ **8 1/4**

12. $3\frac{2}{3} \times 1\frac{3}{5} =$ **5 13/15**

# Multiplying Mixed Numbers - ANSWER KEY

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. $3\frac{2}{3} \times 2\frac{3}{4} =$ **10 1/12**

2. $4\frac{1}{5} \times 6 =$ **25 1/5**

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

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

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

6. $4\frac{1}{2} \times 3\frac{1}{2} =$ **15 3/4**

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

8. $2\frac{3}{4} \times 2\frac{3}{5} =$ **7 3/20**

9. $4\frac{5}{6} \times 4 =$ **19 1/3**

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

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

12. $4\frac{1}{5} \times \frac{1}{2} =$ **2 1/10**

# Multiplying Mixed Numbers - ANSWER KEY

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. $2\frac{1}{2} \times \frac{1}{6} =$ **5/12**

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

3. $2\frac{1}{4} \times 2\frac{3}{4} =$ **6 3/16**

4. $1\frac{3}{4} \times \frac{1}{6} =$ **7/24**

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

6. $3\frac{1}{2} \times 1\frac{2}{5} =$ **4 9/10**

7. $3\frac{2}{3} \times 1\frac{3}{4} =$ **6 5/12**

8. $1\frac{4}{5} \times \frac{5}{6} =$ **1 1/2**

9. $3\frac{2}{3} \times 5 =$ **18 1/3**

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

11. $4\frac{4}{5} \times 2 =$ **9 3/5**

12. $2\frac{1}{6} \times 2\frac{1}{3} =$ **5 1/18**

# Multiplying Mixed Numbers - ANSWER KEY

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

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

3. $3\frac{4}{5} \times 2\frac{1}{5} =$ **8 9/25**

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

5. $4\frac{3}{4} \times \frac{3}{4} =$ **3 9/16**

6. $3\frac{2}{5} \times 4 =$ **13 3/5**

7. $4\frac{1}{2} \times \frac{1}{5} =$ **9/10**

8. $1\frac{1}{3} \times 4 =$ **5 1/3**

9. $1\frac{1}{6} \times 2\frac{3}{4} =$ **3 5/24**

10. $4\frac{2}{3} \times 3 =$ **14**

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

12. $4\frac{3}{4} \times 6 =$ **28 1/2**