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

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**