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. $4\frac{3}{4} \times 5 =$ ☐

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**