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

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**