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

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**