Multiplying Fractions by Whole Numbers

1.
$$\frac{1}{2}$$
 x 4 =

6.
$$\frac{1}{3}$$
 x 3 =

2.
$$\frac{1}{3}$$
 x 5 =

7.
$$\frac{1}{6}$$
 x 5 =

3.
$$\frac{1}{4}$$
 x 3 =

4.
$$\frac{1}{5}$$
 x 2 =

9.
$$\frac{1}{2}$$
 x 2 =

10.
$$\frac{1}{2}$$
 x 3 =

Multiplying Fractions by Whole Numbers

1.
$$\frac{1}{2}$$
 x 6 =

6.
$$\frac{1}{8}$$
 x 9 =

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

$$7. \quad \frac{1}{10} \times 7 =$$

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

8.
$$\frac{1}{8} \times 5 =$$

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

10.
$$\frac{1}{9} \times 12 =$$

Multiplying Fractions by Whole Numbers

1.
$$\frac{1}{2}$$
 x 7 =

6.
$$\frac{2}{3}$$
 x 8 =

2.
$$\frac{2}{3} \times 4 =$$

7.
$$\frac{5}{6}$$
 x 9 =

3.
$$\frac{3}{4} \times 5 =$$

8.
$$\frac{5}{8}$$
 x 4 =

9.
$$\frac{1}{2} \times 6 =$$

10.
$$\frac{4}{8} \times 7 =$$

Answers

1.
$$\frac{1}{2}$$
 x 4 = $\frac{4}{2}$ 6. $\frac{1}{3}$ x 3 =

6.
$$\frac{1}{3}$$
 x 3 = $\frac{3=1}{3}$

2.
$$\frac{1}{3}$$
 x 5 = $\left| \frac{5}{3} = 1 \frac{2}{3} \right|$ 7. $\frac{1}{6}$ x 5 =

7.
$$\frac{1}{6}$$
 x 5 = $\frac{5}{6}$

3.
$$\frac{1}{4}$$
 x 3 = $\frac{3}{4}$ 8. $\frac{1}{8}$ x 3 =

8.
$$\frac{1}{8}$$
 x 3 = $\frac{3}{8}$

4.
$$\frac{1}{5}$$
 x 2 = $\frac{2}{5}$ 9. $\frac{1}{2}$ x 2 = $\frac{2}{2}$

9.
$$\frac{1}{2}$$
 x 2 = $\frac{2=1}{2}$

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

5.
$$\frac{1}{4}$$
 x 4 = $\frac{4}{4}$ 10. $\frac{1}{2}$ x 3 = $\frac{3}{2}$ = $\frac{1}{2}$

Answers

1.
$$\frac{1}{2}$$
 x 6 = $\frac{6}{2}$ = 3

1.
$$\frac{1}{2} \times 6 = \frac{6}{2} = 3$$
6. $\frac{1}{8} \times 9 = \frac{9}{8} = 1 + \frac{1}{8}$

2.
$$\frac{1}{3}$$
 x 7 = $\left[\frac{7=2}{3}\frac{1}{3}\right]$ 7. $\frac{1}{10}$ x 7 = $\left[\frac{7}{10}\right]$

7.
$$\frac{1}{10} \times 7 = \frac{7}{10}$$

3.
$$\frac{1}{4} \times 9 = \begin{vmatrix} \frac{9}{4} & \frac{1}{4} \\ \frac{1}{8} & \frac{1}{8} & \frac{5}{8} \end{vmatrix}$$

8.
$$\frac{1}{8} \times 5 = \frac{5}{8}$$

4.
$$\frac{1}{5}$$
 x 12 = $\frac{12 = 2}{5}$ $\frac{2}{5}$

4.
$$\frac{1}{5}$$
 x 12 = $\frac{12 = 2}{5} = \frac{2}{5}$ 9. $\frac{1}{6}$ x 6 = $\frac{6}{6} = 1$

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

5.
$$\frac{1}{4}$$
 x 8 = $\frac{8}{4}$ 10. $\frac{1}{9}$ x 12 = $\frac{12=1}{9}\frac{3=1}{9}\frac{1}{3}$

Answers

1.
$$\frac{1}{2}$$
 x 7 = $\frac{7}{2}$ = $\frac{3}{2}$

1.
$$\frac{1}{2}$$
 x 7 = $\left| \frac{7}{2} \right|^{3}$ 6. $\frac{2}{3}$ x 8 = $\left| \frac{16}{3} \right|^{5}$ $\frac{1}{3}$

2.
$$\frac{2}{3}$$
 x 4 = $\begin{vmatrix} \frac{8}{3} = 2 & \frac{2}{3} \end{vmatrix}$ 7. $\frac{5}{6}$ x 9 = $\begin{vmatrix} \frac{45}{5} = 7 & \frac{3}{5} = 7 & \frac{1}{6} \\ \frac{6}{6} & \frac{6}{6} & \frac{2}{2} \end{vmatrix}$

7.
$$\frac{5}{6}$$
 x 9 = $\frac{45=7}{6} \frac{3=7}{6} \frac{1}{2}$

3.
$$\frac{3}{4} \times 5 = \frac{15 = 3}{4} \frac{3}{4}$$

3.
$$\frac{3}{4}$$
 x 5 = $\frac{15}{4}$ 8. $\frac{5}{8}$ x 4 = $\frac{20=2}{8}\frac{4=2}{8}\frac{1}{2}$

4.
$$\frac{3}{5}$$
 x 3 = $\left[\frac{9=1}{5}, \frac{4}{5}\right]$ 9. $\frac{1}{2}$ x 6 = $\left[\frac{6=3}{2}, \frac{6=3}{2}, \frac{1}{2}, \frac{1}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}$

9.
$$\frac{1}{2}$$
 x 6 = $\frac{6}{2}$ = 3

5.
$$\frac{2}{4}$$
 x 6 = $\frac{12}{4}$ = 3

5.
$$\frac{2}{4} \times 6 = \frac{12 = 3}{4} = 10. \frac{4}{8} \times 7 = \frac{28 = 3}{8} \frac{4 = 3}{8} \frac{1}{2}$$