



### Multiplying Fractions and Mixed Numbers

Solve each problem below. Be sure to simplify your answer completely. Improper fractions should be simplified to mixed numbers. Check for your answer on the grid below. **Shading the grid is optional.**

$\frac{1}{42}$	$\frac{15}{28}$	2	$4\frac{1}{2}$	5	$8\frac{1}{4}$	28	6	$\frac{1}{2}$	$\frac{15}{28}$
$\frac{1}{2}$	20	12	$2\frac{1}{2}$	25	$11\frac{1}{3}$	$1\frac{1}{6}$	20	12	$\frac{1}{42}$
$1\frac{1}{6}$	28	6	2	$1\frac{1}{6}$	$2\frac{1}{2}$	$4\frac{1}{2}$	28	6	$11\frac{1}{3}$
$4\frac{1}{2}$	$11\frac{1}{3}$	25	$\frac{1}{2}$	5	$8\frac{1}{4}$	$\frac{1}{42}$	$2\frac{1}{2}$	25	28
12	5	28	12	$\frac{15}{28}$	$\frac{1}{2}$	20	6	$4\frac{1}{2}$	20
$8\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$8\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{42}$	28	$1\frac{1}{6}$	12	2
$1\frac{1}{6}$	2	$4\frac{1}{2}$	$\frac{15}{28}$	$11\frac{1}{3}$	$1\frac{1}{6}$	$\frac{1}{2}$	2	6	$2\frac{1}{2}$
6	20	25	$2\frac{1}{2}$	6	5	25	20	$1\frac{1}{6}$	5
$\frac{1}{42}$	28	$4\frac{1}{2}$	2	$8\frac{1}{4}$	5	6	28	$4\frac{1}{2}$	$\frac{15}{28}$
$\frac{1}{2}$	$\frac{15}{28}$	$2\frac{1}{2}$	$1\frac{1}{6}$	20	12	$11\frac{1}{3}$	25	$\frac{15}{28}$	$\frac{1}{42}$

1)

$$\blacksquare \frac{5}{7} \times \frac{3}{4}$$

2)

$$\blacksquare \frac{15}{2} \times \frac{8}{3}$$

3)

$$\blacksquare 6\frac{2}{3} \times \frac{9}{10}$$

4)

$$\blacksquare 3\frac{2}{3} \times 2\frac{1}{4}$$

5)

$$\blacksquare 6 \times \frac{1}{3}$$

6)

$$\blacksquare 4\frac{1}{2} \times 2\frac{2}{3}$$

7)

$$\blacksquare \frac{17}{8} \times \frac{16}{3}$$

8)

$$\blacksquare 2\frac{1}{5} \times 2\frac{1}{22}$$

9)

$$\blacksquare \frac{2}{3} \times \frac{3}{4}$$

10)

$$\blacksquare 6\frac{2}{3} \times 4\frac{1}{5}$$

11)

$$\blacksquare \frac{7}{8} \times 1\frac{1}{3}$$

12)

$$\blacksquare 20 \times \frac{1}{4}$$

13)

$$\blacksquare 6\frac{2}{3} \times 3\frac{3}{4}$$

14)

$$\blacksquare \frac{1}{6} \times \frac{1}{7}$$

15)

$$\blacksquare \frac{15}{4} \times \frac{2}{3}$$