



Multiplying Fractions

Name: _____

Solve each problem. Write the answer as a mixed number fraction (if possible).

1) $3\frac{1}{2} \times \frac{1}{2} =$

2) $1\frac{1}{2} \times \frac{3}{5} =$

3) $2\frac{1}{4} \times 2\frac{1}{3} =$

4) $2\frac{4}{5} \times 3\frac{1}{2} =$

5) $3\frac{1}{2} \times \frac{5}{2} =$

6) $\frac{24}{5} \times \frac{4}{5} =$

7) $\frac{5}{2} \times 2\frac{1}{4} =$

8) $\frac{23}{4} \times \frac{22}{5} =$

9) $\frac{1}{4} \times \frac{1}{2} =$

10) $\frac{9}{2} \times \frac{1}{4} =$

11) $\frac{9}{4} \times \frac{1}{2} =$

12) $\frac{1}{2} \times \frac{2}{5} =$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Solve each problem. Write the answer as a mixed number fraction (if possible).

$$1) 3\frac{1}{2} \times \frac{1}{2} =$$
$$\frac{7}{2} \times \frac{1}{2} = 1\frac{3}{4}$$

$$2) 1\frac{1}{2} \times \frac{3}{5} =$$
$$\frac{3}{2} \times \frac{3}{5} = \frac{9}{10}$$

$$3) 2\frac{1}{4} \times 2\frac{1}{3} =$$
$$\frac{9}{4} \times \frac{7}{3} = 5\frac{3}{12}$$

$$4) 2\frac{4}{5} \times 3\frac{1}{2} =$$
$$\frac{14}{5} \times \frac{7}{2} = 9\frac{8}{10}$$

$$5) 3\frac{1}{2} \times \frac{5}{2} =$$
$$\frac{7}{2} \times \frac{5}{2} = 8\frac{3}{4}$$

$$6) \frac{24}{5} \times \frac{4}{5} =$$
$$\frac{24}{5} \times \frac{4}{5} = 3\frac{21}{25}$$

$$7) \frac{5}{2} \times 2\frac{1}{4} =$$
$$\frac{5}{2} \times \frac{9}{4} = 5\frac{5}{8}$$

$$8) \frac{23}{4} \times \frac{22}{5} =$$
$$\frac{23}{4} \times \frac{22}{5} = 25\frac{6}{20}$$

$$9) \frac{1}{4} \times \frac{1}{2} =$$
$$\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$$

$$10) \frac{9}{2} \times \frac{1}{4} =$$
$$\frac{9}{2} \times \frac{1}{4} = 1\frac{1}{8}$$

$$11) \frac{9}{4} \times \frac{1}{2} =$$
$$\frac{9}{4} \times \frac{1}{2} = 1\frac{1}{8}$$

$$12) \frac{1}{2} \times \frac{2}{5} =$$
$$\frac{1}{2} \times \frac{2}{5} = \frac{2}{10}$$

Answers

1. $1\frac{3}{4}$
2. $\frac{9}{10}$
3. $5\frac{3}{12}$
4. $9\frac{8}{10}$
5. $8\frac{3}{4}$
6. $3\frac{21}{25}$
7. $5\frac{5}{8}$
8. $25\frac{6}{20}$
9. $\frac{1}{8}$
10. $1\frac{1}{8}$
11. $1\frac{1}{8}$
12. $\frac{2}{10}$