

Multiply Fractions Answers

1. Multiply Fractions 1 with Circles

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

first factor **second factor**

$\frac{3}{4} \times \frac{2}{1} = \frac{6}{4} =$
Write in fraction form and multiply.

$1 \frac{1}{2}$
Simplify.

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

first factor **second factor**

$\frac{3}{4} \times \frac{3}{1} = \frac{9}{4} =$
Write in fraction form and multiply.

$2 \frac{1}{4}$
Simplify.

3. $\frac{7}{8} \times 2 =$

first factor **second factor**

$\frac{7}{8} \times \frac{2}{1} = \frac{14}{8} =$
Write in fraction form and multiply.

$1 \frac{3}{4}$
Simplify.

4. $\frac{7}{8} \times 3 =$

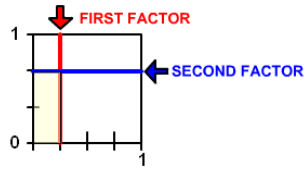
first factor **second factor**

$\frac{7}{8} \times \frac{3}{1} = \frac{21}{8} =$
Write in fraction form and multiply.

$2 \frac{5}{8}$
Simplify.

2. Multiply Fractions 1 with Lines

1.



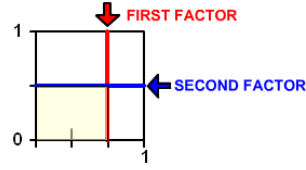
$$\frac{1}{4} \times \frac{2}{3} =$$

first factor second factor

$$\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} =$$

Multiply numerators and denominators.

2.



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

first factor second factor

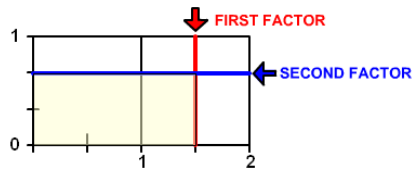
$$\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} =$$

Multiply numerators and denominators.

$$\frac{1}{3}$$

Simplify.

3.



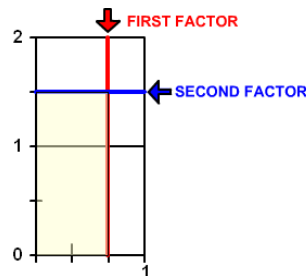
$$1 \frac{1}{2} \times \frac{2}{3} =$$

first factor second factor

$$\frac{3}{2} \times \frac{2}{3} = \frac{6}{6} =$$

Write in fraction form and multiply.

4.



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

first factor second factor

$$\frac{2}{3} \times \frac{3}{2} = \frac{6}{6} =$$

Write in fraction form and multiply.

$$1$$

Simplify.

3. Multiply Fractions 2 with Circles

1. $2 \frac{1}{4}$ X 2 = $\frac{9}{4} \times \frac{2}{1} = \frac{18}{4} = 4 \frac{1}{2}$
first factor **second factor** Write in fraction form and multiply. Simplify.

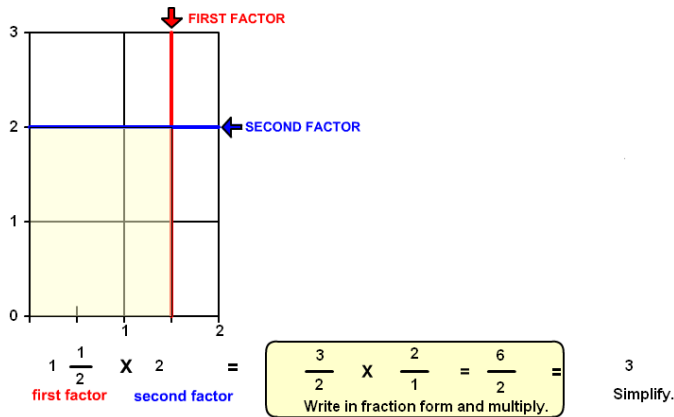
2. $2 \frac{1}{4}$ X 3 = $\frac{9}{4} \times \frac{3}{1} = \frac{27}{4} = 6 \frac{3}{4}$
first factor **second factor** Write in fraction form and multiply. Simplify.

3. $1 \frac{3}{8}$ X 2 = $\frac{11}{8} \times \frac{2}{1} = \frac{22}{8} = 2 \frac{3}{4}$
first factor **second factor** Write in fraction form and multiply. Simplify.

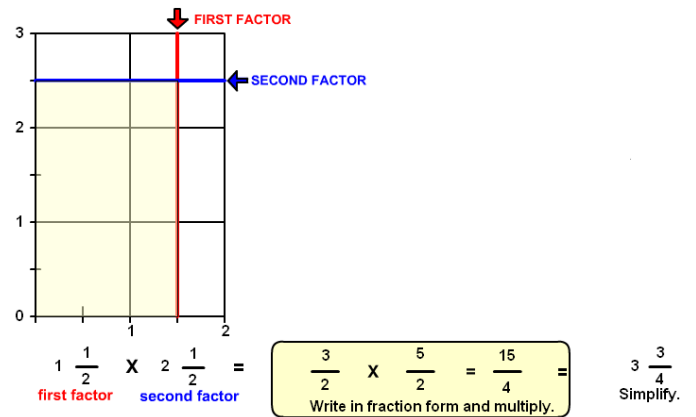
4. $2 \frac{7}{8}$ X 2 = $\frac{23}{8} \times \frac{2}{1} = \frac{46}{8} = 5 \frac{3}{4}$
first factor **second factor** Write in fraction form and multiply. Simplify.

4. Multiply Fractions 2 with Lines

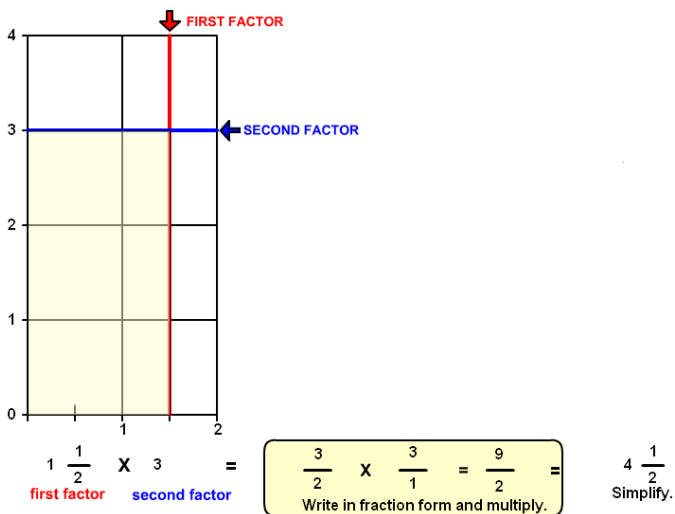
1.



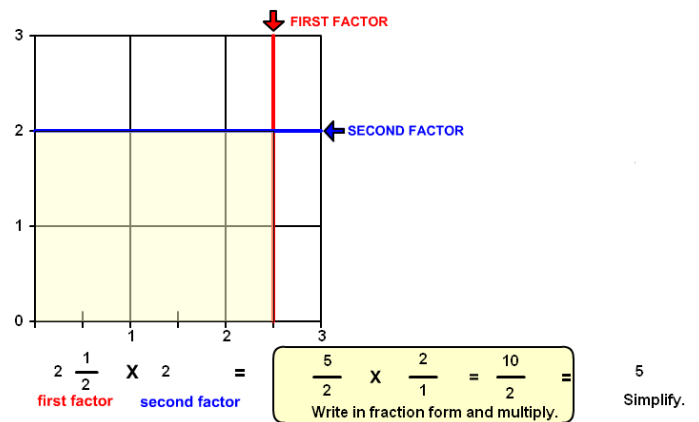
2.



3.



4.



5. Multiply Fractions 3 with Circles

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

first factor **second factor**

$\frac{7}{4} \times \frac{2}{1} = \frac{14}{4} = 3 \frac{1}{2}$

Write in fraction form and multiply. Simplify.

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

first factor **second factor**

$\frac{7}{4} \times \frac{3}{1} = \frac{21}{4} = 5 \frac{1}{4}$

Write in fraction form and multiply. Simplify.

3. $2 \frac{5}{16} \times 2 = 4 \frac{5}{8}$

first factor **second factor**

$\frac{37}{16} \times \frac{2}{1} = \frac{74}{16} = 4 \frac{5}{8}$

Write in fraction form and multiply. Simplify.

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

first factor **second factor**

$\frac{9}{4} \times \frac{2}{1} = \frac{18}{4} = 4 \frac{1}{2}$

Write in fraction form and multiply. Simplify.

6. Multiply Fractions 3 with Lines

1.

FIRST FACTOR

SECOND FACTOR

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

Write in fraction form and multiply.

1
Simplify.

2.

FIRST FACTOR

SECOND FACTOR

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

Write in fraction form and multiply.

1
Simplify.

3.

FIRST FACTOR

SECOND FACTOR

$$2 \frac{1}{3} \times 3 = \frac{7}{3} \times \frac{3}{1} = \frac{21}{3} = 7$$

Write in fraction form and multiply.

7
Simplify.

4.

FIRST FACTOR

SECOND FACTOR

$$3 \frac{1}{3} \times 3 = \frac{10}{3} \times \frac{3}{1} = \frac{30}{3} = 10$$

Write in fraction form and multiply.

10
Simplify.

7. Multiply 1 With Circles and Lines

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

first factor **second factor**

$\frac{4}{3} \times \frac{2}{1} = \frac{8}{3} = 2 \frac{2}{3}$
 Write in fraction form and multiply.

Simplify.

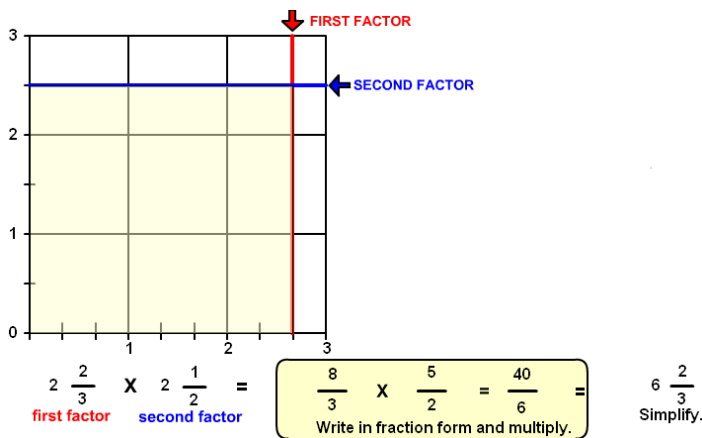
2. $1 \frac{5}{6} \times 2 = 3 \frac{2}{3}$

first factor **second factor**

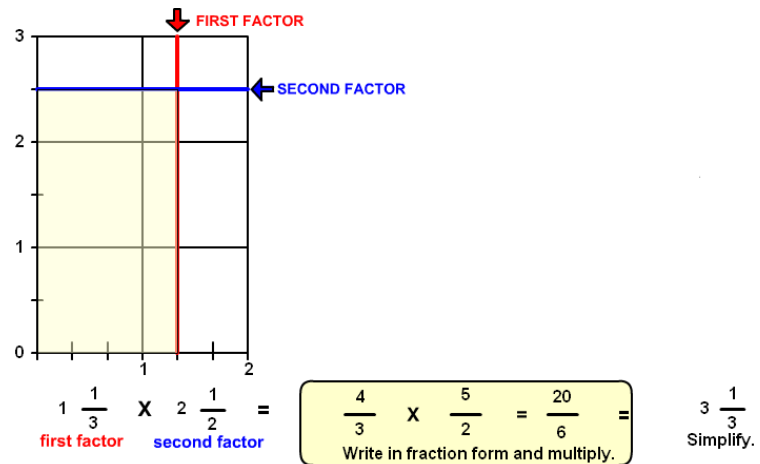
$\frac{11}{6} \times \frac{2}{1} = \frac{22}{6} = 3 \frac{2}{3}$
 Write in fraction form and multiply.

Simplify.

3.



4.



8. Multiply 2 With Circles and Lines

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

first factor **second factor**

$\frac{11}{5} \times \frac{3}{1} = \frac{33}{5} =$

Write in fraction form and multiply.

$6\frac{3}{5}$
Simplify.

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

first factor **second factor**

$\frac{10}{3} \times \frac{3}{1} = \frac{30}{3} =$

Write in fraction form and multiply.

10
Simplify.

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

first factor **second factor**
(horizontal distance) **(vertical distance)**

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

Write in fraction form and multiply.

$\frac{7}{8}$
Simplify.

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

first factor **second factor**
(horizontal distance) **(vertical distance)**

$\frac{7}{2} \times \frac{3}{4} = \frac{21}{8} =$

Write in fraction form and multiply.

$2\frac{5}{8}$
Simplify.

9. Multiply Practice

1. $\frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$

2. $\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$

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

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

5. $1 \frac{1}{2} \times 1 \frac{1}{2} = \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2 \frac{1}{4}$

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

7. $1 \frac{1}{2} \times 2 \frac{1}{2} = \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3 \frac{3}{4}$

8. $2 \frac{2}{3} \times 3 \frac{1}{2} = \frac{8}{3} \times \frac{7}{2} = \frac{56}{6} = 9 \frac{1}{3}$

9. $1 \frac{1}{3} \times 3 \frac{1}{2} = \frac{4}{3} \times \frac{7}{2} = \frac{28}{6} = 4 \frac{2}{3}$

10. $\frac{1}{3} \times 3 \frac{1}{2} = \frac{1}{3} \times \frac{7}{2} = \frac{7}{6} = 1 \frac{1}{6}$