



Remember if you multiply a whole number by a proper fraction the answer will be less than the whole number you started with.
Here are the four easy steps to make sure that you get the answer right.

Example:

$$5 \times \frac{6}{10}$$

Step 1: Rewrite the question with the whole number as a fraction. $5 = \frac{5}{1}$ so the question now looks like:

$$\frac{5}{1} \times \frac{6}{10}$$

Step 2: Multiply the top numbers (numerators) together:

$$\frac{5}{1} \times \frac{6}{10} = \frac{30}{?}$$

Step 3: Multiply the bottom numbers (denominators) together:

$$\frac{5}{1} \times \frac{6}{10} = \frac{30}{10}$$

Step 4: Simplify the answer if you can, including making it a mixed number:

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

Remember the four steps
and you can't go wrong.
Really and truly!!





Try multiplying these fractions and whole numbers.

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

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

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

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

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

6. $5 \times \frac{2}{5} = \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square} = \square$

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



Now try some more multiplying fractions and whole numbers.

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

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

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

4. $4 \times \frac{2}{5} = \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square} = \square$

5. $7 \times \frac{3}{4} = \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square} = \square$

6. $7 \times \frac{2}{5} = \frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square} = \square$

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



Answers

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

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

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

4. $4/1 \times 4/5 = 16/5 = 3 \frac{1}{5}$

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

6. $5/1 \times 2/5 = 10/5 = 2$

7. $6/1 \times 2/3 = 12/3 = 4$

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

2. $3/1 \times 4/5 = 12/5 = 2 \frac{2}{5}$

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

4. $4/1 \times 2/5 = 8/5 = 1 \frac{3}{5}$

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

6. $7/1 \times 2/5 = 14/5 = 2 \frac{4}{5}$

7. $8/1 \times 2/3 = 16/3 = 5 \frac{1}{3}$