

## Multiplying Fractions Lesson & Practice

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**Instructions:** Use the lesson video (<https://youtu.be/hdSaaETKDCc?si=hKwDGRS1bC2UR3nC>) to complete the following notes. After you have filled out the notes, complete the practice questions.

### Notes

When multiplying fractions, you multiply the numerators and multiply the denominators. For each of the following examples, multiply the fractions and make sure your final answer is simplified.

**Example 1:**  $\frac{1}{4} \times \frac{3}{5}$

**Example 2:**  $\frac{3}{4} \times \frac{5}{6}$

**Example 3:**  $4 \times \frac{3}{8}$

## Practice

Evaluate each of the following. Make sure your final answer is simplified.

$$1) \frac{-5}{4} \times \frac{1}{3}$$

$$2) \frac{8}{7} \times \frac{7}{10}$$

$$3) \frac{4}{9} \times \frac{7}{4}$$

$$4) \frac{-2}{3} \times \frac{5}{4}$$

$$5) -2 \times \frac{3}{7}$$

$$6) \frac{10}{3} \times \frac{4}{5}$$

$$7) \frac{1}{5} \times -15$$

$$8) \frac{10}{7} \times \frac{1}{14}$$

$$9) -\frac{4}{3} \times \frac{3}{2}$$

$$10) \frac{9}{5} \times \frac{11}{18}$$

$$11) -\frac{2}{5} \times \frac{3}{20}$$

$$12) \frac{-2}{9} \times 2$$