

# Multiplying Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1.  $\frac{16}{5} \times \frac{1}{5} \times \frac{3}{2} = \text{---} = \text{---}$

2.  $\frac{11}{4} \times \frac{3}{2} \times \frac{13}{4} = \text{---} = \text{---}$

3.  $\frac{9}{7} \times \frac{3}{2} \times \frac{1}{3} = \text{---} = \text{---}$

4.  $\frac{1}{2} \times \frac{11}{4} \times \frac{19}{7} = \text{---} = \text{---}$

5.  $\frac{15}{7} \times \frac{13}{5} \times \frac{12}{5} = \text{---} = \text{---} = \text{---}$

6.  $\frac{7}{8} \times \frac{9}{7} \times \frac{19}{8} = \text{---} = \text{---} = \text{---}$

7.  $\frac{3}{2} \times \frac{12}{7} \times \frac{5}{6} = \text{---} = \text{---} = \text{---}$

8.  $\frac{13}{9} \times \frac{7}{3} \times \frac{2}{3} = \text{---} = \text{---}$

9.  $\frac{5}{4} \times \frac{5}{6} \times \frac{6}{5} = \text{---} = \text{---} = \text{---}$

10.  $\frac{1}{7} \times \frac{5}{6} \times \frac{3}{2} = \text{---} = \text{---}$

## Multiplying Fractions (J) Answers

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Multiply, simplify and express the product as a mixed fraction if necessary.

1.  $\frac{16}{5} \times \frac{1}{5} \times \frac{3}{2} = \frac{48}{50} = \frac{24}{25}$

2.  $\frac{11}{4} \times \frac{3}{2} \times \frac{13}{4} = \frac{429}{32} = 13 \frac{13}{32}$

3.  $\frac{9}{7} \times \frac{3}{2} \times \frac{1}{3} = \frac{27}{42} = \frac{9}{14}$

4.  $\frac{1}{2} \times \frac{11}{4} \times \frac{19}{7} = \frac{209}{56} = 3 \frac{41}{56}$

5.  $\frac{15}{7} \times \frac{13}{5} \times \frac{12}{5} = \frac{2340}{175} = \frac{468}{35} = 13 \frac{13}{35}$

6.  $\frac{7}{8} \times \frac{9}{7} \times \frac{19}{8} = \frac{1197}{448} = \frac{171}{64} = 2 \frac{43}{64}$

7.  $\frac{3}{2} \times \frac{12}{7} \times \frac{5}{6} = \frac{180}{84} = \frac{15}{7} = 2 \frac{1}{7}$

8.  $\frac{13}{9} \times \frac{7}{3} \times \frac{2}{3} = \frac{182}{81} = 2 \frac{20}{81}$

9.  $\frac{5}{4} \times \frac{5}{6} \times \frac{6}{5} = \frac{150}{120} = \frac{5}{4} = 1 \frac{1}{4}$

10.  $\frac{1}{7} \times \frac{5}{6} \times \frac{3}{2} = \frac{15}{84} = \frac{5}{28}$