

## Multiplying Mixed Fractions (J)

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

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

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

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

1.  $\frac{11}{4} \times \frac{1}{6} \times \frac{17}{8} = \underline{\hspace{2cm}}$

2.  $\frac{17}{8} \times \frac{31}{8} \times \frac{2}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3.  $3\frac{5}{7} \times \frac{2}{3} \times \frac{13}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

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

5.  $\frac{13}{6} \times \frac{3}{7} \times 3\frac{4}{5} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

6.  $\frac{1}{3} \times 2\frac{5}{7} \times \frac{5}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

7.  $\frac{19}{7} \times \frac{1}{2} \times \frac{11}{6} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

8.  $\frac{1}{2} \times \frac{5}{3} \times 1\frac{1}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

9.  $\frac{8}{3} \times \frac{3}{4} \times 1\frac{8}{9} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10.  $\frac{1}{6} \times 2\frac{1}{4} \times 2\frac{1}{3} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

## Multiplying Mixed Fractions (J) Answers

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

1.  $\frac{11}{4} \times \frac{1}{6} \times \frac{17}{8} = \frac{187}{192}$

2.  $\frac{17}{8} \times \frac{31}{8} \times \frac{2}{3} = \frac{1054}{192} = \frac{527}{96} = 5\frac{47}{96}$

3.  $3\frac{5}{7} \times \frac{2}{3} \times \frac{13}{6} = \frac{676}{126} = \frac{338}{63} = 5\frac{23}{63}$

4.  $2\frac{1}{3} \times \frac{2}{3} \times \frac{3}{2} = \frac{42}{18} = \frac{7}{3} = 2\frac{1}{3}$

5.  $\frac{13}{6} \times \frac{3}{7} \times 3\frac{4}{5} = \frac{741}{210} = \frac{247}{70} = 3\frac{37}{70}$

6.  $\frac{1}{3} \times 2\frac{5}{7} \times \frac{5}{2} = \frac{95}{42} = 2\frac{11}{42}$

7.  $\frac{19}{7} \times \frac{1}{2} \times \frac{11}{6} = \frac{209}{84} = 2\frac{41}{84}$

8.  $\frac{1}{2} \times \frac{5}{3} \times 1\frac{1}{3} = \frac{20}{18} = \frac{10}{9} = 1\frac{1}{9}$

9.  $\frac{8}{3} \times \frac{3}{4} \times 1\frac{8}{9} = \frac{408}{108} = \frac{34}{9} = 3\frac{7}{9}$

10.  $\frac{1}{6} \times 2\frac{1}{4} \times 2\frac{1}{3} = \frac{63}{72} = \frac{7}{8}$