

## Multiplying Mixed Fractions (H)

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

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

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

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

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

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

3.  $3\frac{7}{8} \times \frac{17}{5} \times \frac{5}{8} = \text{---} = \text{---} = \text{---}$

4.  $\frac{27}{7} \times 3\frac{1}{3} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

5.  $\frac{10}{3} \times 3\frac{1}{2} \times \frac{4}{5} = \text{---} = \text{---} = \text{---}$

6.  $1\frac{5}{9} \times 2\frac{2}{3} \times \frac{1}{6} = \text{---} = \text{---}$

7.  $\frac{3}{2} \times \frac{23}{8} \times \frac{7}{8} = \text{---} = \text{---}$

8.  $\frac{14}{9} \times \frac{1}{5} \times 3\frac{1}{7} = \text{---} = \text{---}$

9.  $\frac{8}{9} \times 3\frac{3}{5} \times 2\frac{1}{2} = \text{---} = \text{---} = \text{---}$

10.  $\frac{5}{7} \times \frac{17}{9} \times 2\frac{2}{9} = \text{---} = \text{---}$

## Multiplying Mixed Fractions (H) Answers

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

1.  $2\frac{1}{2} \times \frac{1}{2} \times 2\frac{2}{9} = \frac{100}{36} = \frac{25}{9} = 2\frac{7}{9}$

2.  $\frac{3}{2} \times 2\frac{5}{6} \times \frac{2}{3} = \frac{102}{36} = \frac{17}{6} = 2\frac{5}{6}$

3.  $3\frac{7}{8} \times \frac{17}{5} \times \frac{5}{8} = \frac{2635}{320} = \frac{527}{64} = 8\frac{15}{64}$

4.  $\frac{27}{7} \times 3\frac{1}{3} \times \frac{3}{4} = \frac{810}{84} = \frac{135}{14} = 9\frac{9}{14}$

5.  $\frac{10}{3} \times 3\frac{1}{2} \times \frac{4}{5} = \frac{280}{30} = \frac{28}{3} = 9\frac{1}{3}$

6.  $1\frac{5}{9} \times 2\frac{2}{3} \times \frac{1}{6} = \frac{112}{162} = \frac{56}{81}$

7.  $\frac{3}{2} \times \frac{23}{8} \times \frac{7}{8} = \frac{483}{128} = 3\frac{99}{128}$

8.  $\frac{14}{9} \times \frac{1}{5} \times 3\frac{1}{7} = \frac{308}{315} = \frac{44}{45}$

9.  $\frac{8}{9} \times 3\frac{3}{5} \times 2\frac{1}{2} = \frac{720}{90} = \frac{8}{1} = 8$

10.  $\frac{5}{7} \times \frac{17}{9} \times 2\frac{2}{9} = \frac{1700}{567} = 2\frac{566}{567}$