

Multiplying Fractions (H)

Name: _____

Date: _____

Score: _____ /10

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

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

2. $\frac{5}{9} \times \frac{8}{7} \times \frac{1}{4} = \text{---} = \text{---}$

3. $\frac{7}{6} \times \frac{2}{5} \times \frac{5}{8} = \text{---} = \text{---}$

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

5. $\frac{10}{3} \times \frac{1}{4} \times \frac{7}{3} = \text{---} = \text{---} = \text{---}$

6. $\frac{19}{6} \times \frac{1}{6} \times \frac{22}{9} = \text{---} = \text{---} = \text{---}$

7. $\frac{2}{5} \times \frac{15}{4} \times \frac{29}{8} = \text{---} = \text{---} = \text{---}$

8. $\frac{1}{3} \times \frac{11}{4} \times \frac{16}{7} = \text{---} = \text{---} = \text{---}$

9. $\frac{23}{9} \times \frac{5}{2} \times \frac{23}{6} = \text{---} = \text{---}$

10. $\frac{25}{9} \times \frac{1}{3} \times \frac{10}{7} = \text{---} = \text{---}$

Multiplying Fractions (H) Answers

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

1. $\frac{1}{3} \times \frac{8}{9} \times \frac{1}{3} = \frac{8}{81}$

2. $\frac{5}{9} \times \frac{8}{7} \times \frac{1}{4} = \frac{40}{252} = \frac{10}{63}$

3. $\frac{7}{6} \times \frac{2}{5} \times \frac{5}{8} = \frac{70}{240} = \frac{7}{24}$

4. $\frac{1}{2} \times \frac{7}{2} \times \frac{11}{4} = \frac{77}{16} = 4 \frac{13}{16}$

5. $\frac{10}{3} \times \frac{1}{4} \times \frac{7}{3} = \frac{70}{36} = \frac{35}{18} = 1 \frac{17}{18}$

6. $\frac{19}{6} \times \frac{1}{6} \times \frac{22}{9} = \frac{418}{324} = \frac{209}{162} = 1 \frac{47}{162}$

7. $\frac{2}{5} \times \frac{15}{4} \times \frac{29}{8} = \frac{870}{160} = \frac{87}{16} = 5 \frac{7}{16}$

8. $\frac{1}{3} \times \frac{11}{4} \times \frac{16}{7} = \frac{176}{84} = \frac{44}{21} = 2 \frac{2}{21}$

9. $\frac{23}{9} \times \frac{5}{2} \times \frac{23}{6} = \frac{2645}{108} = 24 \frac{53}{108}$

10. $\frac{25}{9} \times \frac{1}{3} \times \frac{10}{7} = \frac{250}{189} = 1 \frac{61}{189}$