

Multiplying Fractions and Whole Numbers (J)

Name: _____

Date: _____

Score: _____ /10

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

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

2. $\frac{1}{3} \times \frac{4}{3} \times 6 = \text{---} = \text{---} = \text{---}$

3. $4 \times \frac{18}{5} \times \frac{1}{2} = \text{---} = \text{---} = \text{---}$

4. $7 \times \frac{2}{3} \times \frac{10}{3} = \text{---} = \text{---}$

5. $7 \times \frac{16}{5} \times \frac{2}{3} = \text{---} = \text{---}$

6. $2 \times \frac{29}{9} \times \frac{2}{9} = \text{---} = \text{---}$

7. $9 \times \frac{20}{9} \times \frac{5}{8} = \text{---} = \text{---} = \text{---}$

8. $9 \times \frac{7}{6} \times \frac{3}{4} = \text{---} = \text{---} = \text{---}$

9. $\frac{17}{6} \times \frac{2}{3} \times 7 = \text{---} = \text{---} = \text{---}$

10. $\frac{5}{6} \times \frac{9}{8} \times 6 = \text{---} = \text{---} = \text{---}$

Multiplying Fractions and Whole Numbers (J) Answers

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

1. $5 \times \frac{9}{4} \times \frac{1}{2} = \frac{45}{8} = 5\frac{5}{8}$

2. $\frac{1}{3} \times \frac{4}{3} \times 6 = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$

3. $4 \times \frac{18}{5} \times \frac{1}{2} = \frac{72}{10} = \frac{36}{5} = 7\frac{1}{5}$

4. $7 \times \frac{2}{3} \times \frac{10}{3} = \frac{140}{9} = 15\frac{5}{9}$

5. $7 \times \frac{16}{5} \times \frac{2}{3} = \frac{224}{15} = 14\frac{14}{15}$

6. $2 \times \frac{29}{9} \times \frac{2}{9} = \frac{116}{81} = 1\frac{35}{81}$

7. $9 \times \frac{20}{9} \times \frac{5}{8} = \frac{900}{72} = \frac{25}{2} = 12\frac{1}{2}$

8. $9 \times \frac{7}{6} \times \frac{3}{4} = \frac{189}{24} = \frac{63}{8} = 7\frac{7}{8}$

9. $\frac{17}{6} \times \frac{2}{3} \times 7 = \frac{238}{18} = \frac{119}{9} = 13\frac{2}{9}$

10. $\frac{5}{6} \times \frac{9}{8} \times 6 = \frac{270}{48} = \frac{45}{8} = 5\frac{5}{8}$