

Multiplying Fractions (C)

Name: _____

Date: _____

Score: _____ /10

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

1. $\frac{1}{2} \times \frac{3}{2} \times \frac{24}{7} = \text{---} = \text{---} = \text{---}$

2. $\frac{10}{3} \times \frac{3}{7} \times \frac{31}{8} = \text{---} = \text{---} = \text{---}$

3. $\frac{9}{4} \times \frac{23}{6} \times \frac{27}{8} = \text{---} = \text{---} = \text{---}$

4. $\frac{7}{4} \times \frac{2}{5} \times \frac{26}{9} = \text{---} = \text{---} = \text{---}$

5. $\frac{13}{9} \times \frac{27}{8} \times \frac{1}{3} = \text{---} = \text{---} = \text{---}$

6. $\frac{11}{3} \times \frac{7}{4} \times \frac{7}{3} = \text{---} = \text{---}$

7. $\frac{1}{4} \times \frac{1}{5} \times \frac{27}{7} = \text{---}$

8. $\frac{1}{6} \times \frac{5}{4} \times \frac{23}{6} = \text{---}$

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

10. $\frac{8}{3} \times \frac{1}{2} \times \frac{9}{7} = \text{---} = \text{---} = \text{---}$

Multiplying Fractions (C) Answers

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

1. $\frac{1}{2} \times \frac{3}{2} \times \frac{24}{7} = \frac{72}{28} = \frac{18}{7} = 2\frac{4}{7}$

2. $\frac{10}{3} \times \frac{3}{7} \times \frac{31}{8} = \frac{930}{168} = \frac{155}{28} = 5\frac{15}{28}$

3. $\frac{9}{4} \times \frac{23}{6} \times \frac{27}{8} = \frac{5589}{192} = \frac{1863}{64} = 29\frac{7}{64}$

4. $\frac{7}{4} \times \frac{2}{5} \times \frac{26}{9} = \frac{364}{180} = \frac{91}{45} = 2\frac{1}{45}$

5. $\frac{13}{9} \times \frac{27}{8} \times \frac{1}{3} = \frac{351}{216} = \frac{13}{8} = 1\frac{5}{8}$

6. $\frac{11}{3} \times \frac{7}{4} \times \frac{7}{3} = \frac{539}{36} = 14\frac{35}{36}$

7. $\frac{1}{4} \times \frac{1}{5} \times \frac{27}{7} = \frac{27}{140}$

8. $\frac{1}{6} \times \frac{5}{4} \times \frac{23}{6} = \frac{115}{144}$

9. $\frac{1}{2} \times \frac{1}{5} \times \frac{1}{3} = \frac{1}{30}$

10. $\frac{8}{3} \times \frac{1}{2} \times \frac{9}{7} = \frac{72}{42} = \frac{12}{7} = 1\frac{5}{7}$