

Multiplying Fractions Practice

Name: _____

Date: _____

Question 1

Solve the multiplication equations

I. $\frac{1}{2} \cdot \frac{3}{7} =$

II. $\frac{1.5}{4} \cdot \frac{1}{7.1} =$

III. $\frac{12}{3} \cdot \frac{7.8}{2.5} =$

IV. $\frac{1}{64} \cdot 3 \frac{9}{14} =$

V. $6 \frac{1}{3} \cdot 3 \frac{1}{3} =$

VI. $\frac{5}{3} \cdot \frac{3}{5} =$

VII. $11 \cdot \frac{7}{3} =$

VIII. $\frac{7}{8} \cdot 40.5 =$

IX. $4 \cdot 2 \frac{1}{15} =$

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Question 1

Solve the multiplication equations

I. $\frac{1}{2} \cdot \frac{3}{7} = \frac{3}{14}$

II. $\frac{1.5}{4} \cdot \frac{1}{7.1} = \frac{1.5}{28.4}$

III. $\frac{12}{3} \cdot \frac{7.8}{2.5} = \frac{93.6}{7.5}$

numerator denominator

$$\begin{array}{r} 1. \\ \times 3. \\ \hline 3. \end{array}$$

$$\begin{array}{r} 2. \\ \times 7. \\ \hline 14. \end{array}$$

numerator denominator

$$\begin{array}{r} 1.5 \\ \times 1. \\ \hline 1.5 \end{array}$$

$$\begin{array}{r} 4. \\ \times 7.1 \\ \hline 28.4 \end{array}$$

numerator denominator

$$\begin{array}{r} 12. \\ \times 7.8 \\ \hline 93.6 \end{array}$$

$$\begin{array}{r} 3. \\ \times 2.5 \\ \hline 7.5 \end{array}$$

IV. $\frac{1}{64} \cdot 3\frac{9}{14} = \frac{51}{896}$

↓ convert

$$\frac{1}{64} \cdot \frac{51}{14}$$

V. $6\frac{1}{3} \cdot 3\frac{1}{3} = \frac{190}{9}$ OR $21\frac{1}{9}$ VI. $\frac{5}{3} \cdot \frac{3}{5} = \frac{15}{15}$ OR 1

↓ convert

$$\frac{19}{3} \cdot \frac{10}{3}$$

numerator denominator

$$\begin{array}{r} 1. \\ \times 51. \\ \hline 51. \end{array}$$

$$\begin{array}{r} 64. \\ \times 14. \\ \hline 896. \end{array}$$

numerator denominator

$$\begin{array}{r} 19. \\ \times 10. \\ \hline 190. \end{array}$$

$$\begin{array}{r} 3. \\ \times 3. \\ \hline 9. \end{array}$$

numerator denominator

$$\begin{array}{r} 5. \\ \times 3. \\ \hline 15. \end{array}$$

$$\begin{array}{r} 3. \\ \times 5. \\ \hline 15. \end{array}$$

VII. $11 \cdot \frac{7}{3} = \frac{77}{3}$ OR $25\frac{2}{3}$

↓ convert

$$\frac{11}{1} \cdot \frac{7}{3}$$

numerator denominator

$$\begin{array}{r} 11. \\ \times 7. \\ \hline 77. \end{array}$$

$$\begin{array}{r} 1. \\ \times 3. \\ \hline 3. \end{array}$$

VIII. $\frac{7}{8} \cdot 40.5 = \frac{283.5}{8}$

↓ convert

$$\frac{7}{8} \cdot \frac{40.5}{1}$$

numerator denominator

$$\begin{array}{r} 7. \\ \times 40.5 \\ \hline 283.5 \end{array}$$

$$\begin{array}{r} 8. \\ \times 1. \\ \hline 8. \end{array}$$

IX. $4 \cdot 2\frac{1}{15} = \frac{124}{15}$ OR $8\frac{4}{15}$

↓ convert

$$\frac{4}{1} \cdot \frac{31}{15}$$

numerator denominator

$$\begin{array}{r} 4. \\ \times 31. \\ \hline 124. \end{array}$$

$$\begin{array}{r} 1. \\ \times 15. \\ \hline 15. \end{array}$$