

Multiplication - Missing Fractions

A) Find the missing fraction.

1) $\frac{9}{2} \times \frac{2}{15} \times \frac{15}{7} = \underline{\hspace{2cm}}$

2) $\underline{\hspace{2cm}} \times \frac{2}{8} \times \frac{12}{10} = \frac{8}{5}$

3) $\frac{6}{8} \times \underline{\hspace{2cm}} \times \frac{8}{7} = \frac{1}{7}$

4) $\frac{9}{11} \times \frac{3}{9} \times \underline{\hspace{2cm}} = \frac{3}{7}$

5) $\frac{7}{6} \times \frac{1}{2} \times \underline{\hspace{2cm}} =$

$\times \frac{13}{5} = \underline{\hspace{2cm}}$

B) Find the value of x .

1) $\frac{5}{7} \times \frac{16}{15} \times \underline{\hspace{2cm}} =$

$\times \frac{11}{4} = \frac{9}{8}$

$x = \underline{\hspace{2cm}}$

3) $\frac{6}{5} \times \frac{8}{3} \times \underline{\hspace{2cm}} =$

$\times \frac{17}{12} = \frac{22}{28}$

$x = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

C) The product of three fractions is $\frac{18}{7}$. If two of the fractions is $\frac{8}{6}$ and $\frac{9}{2}$, what is the other fraction?

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Multiplication - Missing Fractions

A) Find the missing fraction.

$$1) \quad \frac{9}{2} \times \frac{2}{15} \times \frac{15}{7} = \underline{\frac{9}{7}}$$

$$2) \quad \underline{\frac{16}{3}} \times \frac{2}{8} \times \frac{12}{10} = \frac{8}{5}$$

$$3) \quad \frac{6}{8} \times \underline{\frac{1}{6}} \times \frac{8}{7} = \frac{1}{7}$$

$$4) \quad \frac{9}{11} \times \frac{3}{9} \times \underline{\frac{11}{7}} = \frac{3}{7}$$

$$5) \quad \frac{7}{6} \times \frac{1}{2} \times$$

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$$\times \frac{13}{5} = \underline{5}$$

B) Find the value

$$1) \quad \frac{5}{7} \times \frac{16}{15} \times$$

$$\times \frac{11}{4} = \frac{9}{8}$$

$$x = \underline{\frac{8}{21}}$$

$$3) \quad \frac{6}{5} \times \frac{8}{3} \times$$

$$\times \frac{17}{12} = \frac{22}{28}$$

$$x = \underline{\frac{3}{16}}$$

$$x = \underline{\frac{6}{7}}$$

C) The product of three fractions is $\frac{18}{7}$. If two of the fractions is $\frac{8}{6}$ and $\frac{9}{2}$, what is the other fraction?

$$\underline{\frac{3}{7}}$$