

## Multiplication - Missing Fractions

A) Find the missing fraction.

1)  $\frac{7}{8} \times \underline{\hspace{2cm}} \times \frac{2}{6} = \frac{1}{9}$

2)  $\frac{5}{6} \times \frac{3}{4} \times \underline{\hspace{2cm}} = \frac{10}{7}$

3)  $\underline{\hspace{2cm}} \times \frac{9}{10} \times \frac{15}{18} = \frac{7}{12}$

4)  $\frac{11}{9} \times \underline{\hspace{2cm}} \times \frac{6}{22} = \frac{2}{9}$

5)  $\frac{12}{17} \times \frac{1}{3} \times \underline{\hspace{2cm}} = \frac{4}{3}$

$\underline{\hspace{2cm}} \times \frac{26}{8} = \frac{4}{3}$

B) Find the value of  $x$ .

1)  $\frac{16}{19} \times \frac{19}{18} \times \underline{\hspace{2cm}} = \frac{19}{3}$

$\underline{\hspace{2cm}} \times \frac{15}{14} = \frac{19}{3}$

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

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

3)  $\frac{1}{5} \times \frac{13}{2} \times \underline{\hspace{2cm}} = \frac{15}{2}$

$\underline{\hspace{2cm}} \times \frac{6}{4} = \frac{15}{2}$

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

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

C) The product of three fractions is  $\frac{8}{7}$ . If two of the fractions is  $\frac{4}{7}$  and  $\frac{12}{16}$ , what is the other fraction?

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## Multiplication - Missing Fractions

A) Find the missing fraction.

$$1) \quad \frac{7}{8} \times \frac{8}{21} \times \frac{2}{6} = \frac{1}{9}$$

$$2) \quad \frac{5}{6} \times \frac{3}{4} \times \frac{16}{7} = \frac{10}{7}$$

$$3) \quad \frac{7}{9} \times \frac{9}{10} \times \frac{15}{18} = \frac{7}{12}$$

$$4) \quad \frac{11}{9} \times \frac{2}{3} \times \frac{6}{22} = \frac{2}{9}$$

$$5) \quad \frac{12}{17} \times \frac{1}{3} \times x = \frac{4}{3}$$

B) Find the value of x.

$$1) \quad \frac{16}{19} \times \frac{19}{18} \times x = \frac{19}{3}$$

$$x = \frac{7}{12}$$

$$3) \quad \frac{1}{5} \times \frac{13}{2} \times x = \frac{15}{2}$$

$$x = \frac{5}{4}$$

$$x = 10$$

C) The product of three fractions is  $\frac{8}{7}$ . If two of the fractions is  $\frac{4}{7}$  and  $\frac{12}{16}$ , what is the other fraction?

$$\frac{8}{3}$$

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$$\times \frac{26}{8} = \frac{4}{3}$$

$$\times \frac{15}{14} = \frac{19}{3}$$

$$\times \frac{6}{4} = \frac{15}{2}$$