

Equivalent Fractions

A) Fill in the missing numbers.

1) $\frac{21}{27} = \frac{\quad}{9}$

2) $\frac{\quad}{9} = \frac{25}{45}$

3) $\frac{23}{16} = \frac{46}{\quad}$

4) $\frac{39}{\quad} = \frac{13}{15}$

5) $\frac{30}{40} = \frac{\quad}{8}$

6) $\frac{\quad}{5} = \frac{49}{35}$

7) $\frac{\quad}{25} = \frac{24}{50}$

8) $\frac{27}{\quad} = \frac{3}{5}$

9) $\frac{8}{44} = \frac{\quad}{11}$

B) Find the value of each variable.

1) $\frac{36}{21} = \frac{12}{x}$

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

2) $\frac{y}{48} = \frac{4}{6}$

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

3) $\frac{a}{12} = \frac{30}{24}$

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

4) $\frac{7}{4} = \frac{c}{28}$

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

5) $\frac{n}{9} = \frac{11}{3}$

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

6) $\frac{23}{46} = \frac{1}{v}$

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

7) $\frac{p}{17} = \frac{26}{34}$

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

8) $\frac{u}{40} = \frac{5}{10}$

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

9) $\frac{7}{14} = \frac{z}{42}$

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