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

$x =$ _____

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

$y =$ _____

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

$a =$ _____

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

$c =$ _____

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

$n =$ _____

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

$v =$ _____

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

$p =$ _____

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

$u =$ _____

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

$z =$ _____

Equivalent Fractions

Answer key

A) Fill in the missing numbers.

1) $\frac{21}{27} = \frac{\mathbf{7}}{9}$

2) $\frac{\mathbf{5}}{9} = \frac{25}{45}$

3) $\frac{23}{16} = \frac{46}{\mathbf{32}}$

4) $\frac{39}{\mathbf{45}} = \frac{13}{15}$

5) $\frac{30}{40} = \frac{\mathbf{6}}{8}$

6) $\frac{\mathbf{7}}{5} = \frac{49}{35}$

7) $\frac{\mathbf{12}}{25} = \frac{24}{50}$

8) $\frac{27}{\mathbf{45}} = \frac{3}{5}$

9) $\frac{8}{44} = \frac{\mathbf{2}}{11}$

B) Find the value of each variable.

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

$x =$ **7**

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

$y =$ **32**

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

$a =$ **15**

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

$c =$ **49**

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

$n =$ **33**

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

$v =$ **2**

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

$p =$ **13**

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

$u =$ **20**

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

$z =$ **21**