

## Equivalent Fractions 2

1. Fill in the missing divisors to show how the numerator and denominator have been changed.

A. $\frac{\square}{\square} \div \square$ $\frac{2}{12} = \frac{1}{6}$ $\frac{\square}{\square} \div \square$	B. $\frac{\square}{\square} \div \square$ $\frac{4}{48} = \frac{1}{12}$ $\frac{\square}{\square} \div \square$	C. $\frac{\square}{\square} \div \square$ $\frac{7}{56} = \frac{1}{8}$ $\frac{\square}{\square} \div \square$	D. $\frac{\square}{\square} \div \square$ $\frac{6}{54} = \frac{1}{9}$ $\frac{\square}{\square} \div \square$
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2. Complete the equivalent fractions below. Use division to find each missing value.

A.  $\frac{8}{32} = \frac{4}{\square} = \frac{\square}{8} = \frac{1}{\square}$

B.  $\frac{12}{84} = \frac{6}{\square} = \frac{2}{\square} = \frac{1}{\square}$

C.  $\frac{24}{36} = \frac{\square}{12} = \frac{\square}{6} = \frac{\square}{\square}$

D.  $\frac{54}{72} = \frac{27}{\square} = \frac{\square}{12} = \frac{\square}{\square}$

3. Robert is identifying fractions that are equivalent to  $\frac{10}{60}$ .

He has shown his working out. What mistake has Robert made? Explain your answer.



Robert

$$\frac{10}{60} = \frac{20}{70}$$

$\div 10$  (top arrow)  
 $\div 10$  (bottom arrow)

$$\frac{10}{60} = \frac{5}{55}$$

$\div 5$  (top arrow)  
 $\div 5$  (bottom arrow)