ES

Solve the following.

1 2

a) **Since 12 x 11 = 132, then 132 ÷ 12 =**

b) **Since 9 x 8 = 72, then 72 ÷ 8 =**

c) **Since 116 ÷ 4 = 29, then 29 x 4 =**

d) **Since 142 ÷ 71 = 2, then 2 x 71 =**

e) **Since 16 x 8 = 128, then 128 ÷ 16 =**

f) **Since 32 ÷ 8 = 4, then 4 x 8 =**

1 2 3 4 5 6 7 8 9 0

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Solve the following proportions.

1 2

a) $\dfrac{10}{8} = \dfrac{x}{10}$ $x = \boxed{.}$

b) $\dfrac{6}{4} = \dfrac{x}{3}$ $x = \boxed{.}$

c) $\dfrac{5}{3} = \dfrac{x}{6}$ $x = \boxed{}$

d) $\dfrac{3}{5} = \dfrac{x}{8}$ $x = \boxed{.}$

e) $\dfrac{2}{4} = \dfrac{x}{5}$ $x = \boxed{.}$

f) $\dfrac{9}{10} = \dfrac{x}{4}$ $x = \boxed{.}$

1 2 3 4 5 6 7 8 9 0

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You can apply this same approach when solving for a missing part of a simple proportion.
To solve for x, find the common denominator for the two fractions.

$$\frac{1}{2} = \frac{x}{12}$$

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