Correct. One way to solve this equation is to rewrite the fractions to have the common denominator 18. Then the numerators must be equal:

$$\frac{x-3}{18} = \frac{4}{9} \cdot \frac{2}{2}$$

$$\frac{x-3}{18} = \frac{8}{18}$$

$$x - 3 = 8$$

$$x = 11$$