

$$3\log x - \log 30 = \log \frac{x^2}{5}$$

$$\log x^3 - \log 30 = \log \frac{x^2}{5}$$

$$\log \frac{x^3}{30} = \log \frac{x^2}{5}$$

$$\frac{x^3}{30} = \frac{x^2}{5}$$

$$5x^3 = 30x^2$$

$$x^3 = 6x^2$$

$$x^3 - 6x^2 = 0$$

$$x^2(x-6) = 0$$

↓

$$x^2 = 0 \Rightarrow x = 0$$

→ $x - 6 = 0 \Rightarrow x = 6$

DESPUÉS DE COMPROBAR, LA SOLUCIÓN ES $x=6$.