

Propiedades de las potencias.

$$a) \left(\frac{3}{4}\right)^2 \cdot \left(\frac{3}{4}\right) = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$b) \left(\frac{1}{2}\right)^4 : \left(\frac{1}{2}\right)^2 = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$c) \left[\left(\frac{3}{5}\right)^2\right]^2 = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$d) \left(\frac{2}{3}\right)^2 \cdot \left(\frac{1}{2}\right)^2 = \left(\frac{\boxed{}}{\boxed{}} \cdot \frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}}$$

$$e) \left(\frac{3}{2}\right)^3 : \left(\frac{2}{3}\right)^3 = \left(\frac{\boxed{}}{\boxed{}} : \frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$f) \left(-\frac{3}{4}\right)^0 = \boxed{}$$

$$h) \left(\frac{3}{4}\right)^{-3} = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} =$$

$$g) (-3)^{-2} = \frac{\boxed{}}{\boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$