

Aplica propiedades de la potenciación para completar los procesos y resolver las siguientes operaciones

$$\frac{\left(\frac{2}{3}\right)^4 \cdot \left(\frac{2}{3}\right)^{-2} + \left(\frac{1}{3}\right)^2}{\left(\frac{5}{2}\right)^{-1} \cdot \frac{2}{5}} =$$

$$\frac{\left(\frac{\quad}{\quad}\right) + \frac{\quad}{\quad}}{\frac{\quad}{\quad} \cdot \frac{2}{5}} = \frac{\frac{\quad}{\quad} + \frac{\quad}{\quad}}{\frac{\quad}{\quad}}$$

$$= \frac{\frac{\quad}{\quad}}{\frac{\quad}{\quad}} = \frac{\quad}{\quad}$$

$$\frac{\left(\frac{1}{3}\right)^2 \cdot \left(\frac{3}{2}\right)^2}{\left(\frac{1}{2}\right)^{-1} + \left(\frac{2}{5}\right)^0} - \frac{\left(\frac{4}{3}\right)^2}{\left(\frac{3}{4}\right)^{-3}} =$$

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

$$\frac{\left(\text{---}\right)}{\text{---}} - \left(\text{---}\right) = \frac{\text{---}}{\text{---}} \text{---} \text{---}$$

$$\text{---} \text{---} \text{---} = \text{---} \text{---}$$