

## Je me prépare à l'évaluation

$$204 \text{ a. } \frac{x^4 \times x^{-2}}{x^3} = \frac{x^{4+(-2)}}{x^3} = \frac{x^2}{x^3}$$

$$\frac{x^4 \times x^{-2}}{x^3} = x^{2-3} = x^{-1}$$

$$\text{b. } \frac{(a \times b)^5 \times a^2}{b^3} = \frac{a^5 \times b^5 \times a^2}{b^3}$$

$$\frac{(a \times b)^5 \times a^2}{b^3} = \frac{a^{5+2} \times b^5}{b^3}$$

$$\frac{(a \times b)^5 \times a^2}{b^3} = a^7 \times b^{5-3}$$

$$\frac{(a \times b)^5 \times a^2}{b^3} = a^7 \times b^2$$

$$\text{c. } \left(\frac{x}{y}\right)^3 \times y^5 = \frac{x^3}{y^3} \times y^5$$

$$\left(\frac{x}{y}\right)^3 \times y^5 = x^3 \times y^{-3} \times y^5$$

$$\left(\frac{x}{y}\right)^3 \times y^5 = x^3 \times y^{-3+5}$$

$$\left(\frac{x}{y}\right)^3 \times y^5 = x^3 \times y^2$$