Je me prépare à l'évaluation

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

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

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

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

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

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

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

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

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

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