

REFUERZA EN CASA

1. Reduce en cada caso.

a. $\frac{7^3 \cdot 7^5 \cdot 4^3}{7} = \frac{\boxed{}^{\boxed{}} \cdot \boxed{}^{\boxed{}}}{\boxed{}} = \boxed{}^{\boxed{}} \cdot \boxed{}^{\boxed{}}$

b. $\frac{m^3 \cdot m^2 \cdot m^4 \cdot m^3}{m^4 \cdot m^5} = \frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}}$

c. $\frac{p^{21} \cdot p^1 \cdot p^4 \cdot p^6}{p^3 p^5} = \frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}}$

d. $\frac{6^3 \cdot 6^2 \cdot 6}{6^5} = \frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}}$

e. $\frac{8^{23} \cdot 8^{42}}{8^3 \cdot 8^4 \cdot 8^{32}} = \frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}}$



2. Aplica las propiedades de la teoría de exponentes y efectúa.

a. $\frac{5^{20}}{5^{19}} = \square$

b. $17^2 \times 17^8 = \square \square$

c. $\frac{7^2 \times 7^6 \times 8^4}{7^5 \times 8^3} = \frac{\square \square \cdot \square \square}{\square \square \cdot \square \square} = \square \square \cdot \square$

d. $\frac{2^4 \times 2^8}{2^1} = \frac{\square \square}{\square \square} = \square \square$

e. $\frac{5^6 \times 4^4 \times 4}{5^3 \times 4^2} = \frac{\square \square \cdot \square \square}{\square \square \cdot \square \square} = \square \square \cdot \square \square$

f. $\frac{4^{50} \times 4^{51}}{4^{100}} = \frac{\square \square}{\square \square} = \square$

