

¡AHORA HAZLO TÚ!

1. Resuelve aplicando la teoría de exponentes.

a. $20 \times 20^2 =$

b. $2^3 \times 2^2 =$

c. $5^2 \times 5 =$

d. $4 \times 4^2 \times 4 =$

e. $6^2 \times 6^3 =$

2. Une con una flecha de diferente color según corresponda.

$10^3 \times 10^2 \times 10$ ○

$6^2 \times 6 \times 6^3$ ○

$2^5 \times 2 \times 2^3$ ○

4×4^2 ○

$3^2 \times 3$ ○

• 512

• 64

• 27

• 10^6

• 6^6

3. Resuelve y luego relaciona las dos columnas.

a. $\frac{5^{13}}{5^{10}}$ () 1

b. $\frac{72^5}{72^4}$ () 2

c. $\frac{100^{20}}{100^{20}}$ () 125

d. $\frac{2^4 \times 2^8}{2^{11}}$ () 72

4. Efectúa de manera horizontal.

a. $\frac{3^8 \times 3^5}{3^{10}}$ = $\frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}}$ = $\boxed{}^{\boxed{}}$ = $\boxed{}$

b. $\frac{4^2 \times 5^4}{5^2 \times 4}$ = $\frac{\boxed{}^{\boxed{}} \times \boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}} \times \boxed{}^{\boxed{}}}$
 $\downarrow \quad \quad \downarrow$
 = $\frac{\boxed{} \times \boxed{}}{\boxed{} \times \boxed{}}$
 = $\boxed{}$

c. $\frac{7^5 \times 7^4 \times 7}{7^8} = \frac{\boxed{}^{\boxed{}} \boxed{}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}} \boxed{} = \boxed{}$

d. $\frac{2^4 \times 2^8}{2^{11}} = \frac{\boxed{}^{\boxed{}} \boxed{}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}} \boxed{} = \boxed{}$

e. $\frac{15^5 \times 15}{15^4} = \frac{\boxed{}^{\boxed{}} \boxed{}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}} \boxed{} = \boxed{}$

f. $\frac{94^5 \times 94^8}{94^{13}} = \frac{\boxed{}^{\boxed{}} \boxed{}}{\boxed{}^{\boxed{}}} = \boxed{}^{\boxed{}} \boxed{} = \boxed{}$

g. $\frac{2^8 \times 2^4}{2^{11}}$ = $\frac{\boxed{}^{\boxed{}}}{\boxed{}^{\boxed{}}}$ = $\boxed{}^{\boxed{}}$ = $\boxed{}$