

1. Calculer

$$A = (-1)^2 \times (7 + 6)$$

$$B = (-3)^2 \times (-4 - 5 + 6)$$

$$C = 5^2 + 3 \times 6$$

$$D = 4 \times ((-2)^2 + 2 \times (-2))$$

$$E = 1 + 1^2 \times 3$$

2. Écrire sous la forme a^n

$$\text{a. } \frac{2^4 \times 8}{2^6}$$

$$\text{c. } \frac{2 \times 2^2}{4 \times 4}$$

$$\text{e. } \frac{5 \times 5^5}{25}$$

$$\text{b. } \frac{3^2 \times 9}{3^4 \times 3^3}$$

$$\text{d. } \frac{8 \times 2}{4^2}$$

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Correction

1. $A = 13$

$B = -27$

$C = 43$

$D = 0$

$E = 4$

2. a. $\frac{2^4 \times 8}{2^6} = 2$

b. $\frac{3^2 \times 9}{3^4 \times 3^3} = 3^{-3}$

c. $\frac{2 \times 2^2}{4 \times 4} = 2^{-1}$

e. $\frac{5 \times 5^5}{25} = 5^4$

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

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