

Exercice 1 p 33

$$a) \underset{\times}{7} \times \underset{\times}{7} \times \underset{\times}{7} \times \underset{\times}{7} \times \underset{\times}{7} \times \underset{\times}{7} = 7^6$$

6 termes (ou nombres)

$$b) \underset{\times}{3} \times \underset{\times}{3} \times \underset{\times}{3} \times \underset{\times}{3} = 3^4$$

$$c) \underline{(-3)} \times \underline{(-3)} \times \underline{(-3)} \times \underline{(-3)} \times \underline{(-3)} = (-3)^5$$

$$d) \underline{2,5} \times \underline{2,5} \times \underline{2,5} \times \underline{2,5} \times \underline{2,5} \times \underline{2,5} = 2,5^6$$

$$e) \underline{\left(\frac{2}{3}\right)} \times \underline{\left(\frac{2}{3}\right)} \times \underline{\left(\frac{2}{3}\right)} \times \underline{\left(\frac{2}{3}\right)} = \left(\frac{2}{3}\right)^4$$

Exercice 2 p 33

$$a) 2^7 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

$$b) 4^5 = 4 \times 4 \times 4 \times 4 \times 4$$

$$c) (-5)^4 = (-5) \times (-5) \times (-5) \times (-5)$$

$$d) (-1,2)^3 = (-1,2) \times (-1,2) \times (-1,2)$$

$$e) \left(\frac{3}{4}\right)^5 = \left(\frac{3}{4}\right) \times \left(\frac{3}{4}\right) \times \left(\frac{3}{4}\right) \times \left(\frac{3}{4}\right) \times \left(\frac{3}{4}\right)$$