

Exercice : Double distributivité *

Développer chaque expression en utilisant la double distributivité.

$$\begin{aligned} \text{a) } (a + 10)^2 &= (a + 10)(a + 10) \\ &= \dots \times \dots + \dots \times \dots + \dots \times \dots + \dots \times \dots \\ &= \dots + \dots + \dots + \dots \\ &= \dots + \dots + \dots \end{aligned}$$

$$\begin{aligned} \text{b) } (x + 7)^2 &= (\dots + \dots)(\dots + \dots) \\ &= \dots \times \dots + \dots \times \dots + \dots \times \dots + \dots \times \dots \\ &= \dots + \dots + \dots + \dots \\ &= \dots + \dots + \dots \end{aligned}$$

$$\begin{aligned} \text{c) } (5 - y)^2 &= (\dots - \dots)(\dots - \dots) \\ &= \dots \times \dots + \dots \times \dots + \dots \times \dots + \dots \times \dots \\ &= \dots + \dots + \dots + \dots \\ &= \dots + \dots + \dots \end{aligned}$$

$$\begin{aligned} \text{d) } (2x - 8)^2 &= (\dots - \dots)(\dots - \dots) \\ &= \dots \times \dots + \dots \times \dots + \dots \times \dots + \dots \times \dots \\ &= \dots + \dots + \dots + \dots \\ &= \dots + \dots + \dots \end{aligned}$$

$$\begin{aligned} \text{e) } (4y - 9)^2 &= (\dots - \dots)(\dots - \dots) \\ &= \dots \times \dots + \dots \times \dots + \dots \times \dots + \dots \times \dots \\ &= \dots + \dots + \dots + \dots \\ &= \dots + \dots + \dots \end{aligned}$$

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