

une expression algébrique

$$5K + 7$$

↳ variable

↳ Le coefficient numérique

↳ le terme constant

$$5k + 2 \quad \text{if} \quad k=3$$

$$5(3) + 2$$

$$15 + 2$$

$$17$$

$$3x - 2 \text{ si } x = 2$$

$$3(2) - 2$$

$$6 - 2$$

$$4$$

$$\frac{4a}{2}$$

$$a=4$$

$$\frac{4(4)}{2}$$

$$\frac{16}{2}$$

$$8$$

$$3 + \frac{z}{7} \quad \text{if } z=7$$

$$\frac{3+7}{7}$$

$$3 + 1 = 4$$

$$2n + 1$$

Entrée <small>(n)</small>	Sortie
1	3
2	5
3	7
4	9
5	11

$$2(1) + 1 = 2 + 1 = 3$$

$$2(2) + 1 = 4 + 1 = 5$$

$$2(3) + 1 = 6 + 1 = 7$$

$$2(4) + 1 = 8 + 1 = 9$$

$$2(5) + 1 = 10 + 1 = 11$$

$$3x - 1$$

Entrée (n)	1	2	3	4
Sortie	2	5	8	11

$$\begin{aligned} 3(1) - 1 \\ 3 - 1 \\ 2 \end{aligned}$$

$$\begin{aligned} 3(2) - 1 \\ 6 - 1 \\ 5 \end{aligned}$$

$$\begin{aligned} 3(3) - 1 \\ 9 - 1 \\ 8 \end{aligned}$$

$$\begin{aligned} 3(4) - 1 \\ 12 - 1 \\ 11 \end{aligned}$$

des équations

$$\frac{3n}{3} = \frac{12}{3}$$

$$n = 4$$

$$5x + 2 = 27$$

$$5x + \cancel{2} = 27 - 2$$

$$\frac{5x}{5} = \frac{25}{5}$$

$$x = 5$$

$$3d + 5 = 17$$

$$3d + \underline{5} - \underline{5} = 17 - \underline{5}$$

$$\frac{3d}{3} = \frac{12}{3}$$

$$d = 4$$

P. 223 Q1, 2