

Partie 1

1) on sait que  $f(0) = -20$ ,  $f(6) = 5$  et  $f(8) = 1,58$

$$f(x) = ax^2 + bx + c$$

$$\text{Donc } f(0) = a \times 0^2 + b \times 0 + c = \underline{c = -20}$$

$$f(6) = a \times 6^2 + b \times 6 + c = 36a + 6b + c = 5$$

$$\text{Donc } 36a + 6b - 20 = 5$$

$$\text{Donc } \underline{36a + 6b = 25}$$

$$f(8) = a \times 8^2 + 8b + c = 64a + 8b + c = 1,58$$

$$\text{Donc } 64a + 8b - 20 = 1,58$$

$$\text{Donc } \underline{\underline{64a + 8b = 21,58}}$$