

## Exercice 1

$$1) \quad R(x) = 55x \quad \text{et} \quad C(x) = 0,5x^2 + 20x + 162,5$$

$$R(3) = 55 \times 3 = 165 \text{ €}$$

$$C(3) = 0,5 \times 3^2 + 20 \times 3 + 162,5 = 4,5 + 60 + 162,5 \\ = 227 \text{ €}$$