

n° 64 p 180 on demande une primitive.

$$\forall x \in \mathbb{R} \quad f(x) = 6x^3 + 4x$$

$$F(x) = 6x \frac{1}{4} x^4 + 4x \frac{1}{2} x^2 + k, \quad k \in \mathbb{R}$$

$$F(x) = \frac{3}{2} x^4 + 2x^2$$

$$\forall x \in \mathbb{R} \quad g(x) = 4x^3 - 3e^x$$

$$G(x) = 4x \frac{1}{4} x^4 - 3e^x + k, \quad k \in \mathbb{R}$$

$$G(x) = x^4 - 3e^x$$

$$\forall x \in \mathbb{R} \quad h(x) = x^3 + x^2 - 7$$

$$H(x) = \frac{1}{4} x^4 + \frac{1}{6} x \frac{1}{3} x^3 - 7x + k, \quad k \in \mathbb{R}$$

$$H(x) = \frac{1}{4} x^4 + \frac{1}{18} x^3 - 7x$$