

Cas simple à valider.

$$x^2 - 2 = 0 \quad \text{ou} \quad 4x + 3 = 0 \quad \text{ou} \quad x - 3 = 0 \quad \text{ou} \quad x^6 + 11 = 0$$

$$x^2 = 2 \qquad \qquad \qquad 4x = -3 \qquad \qquad \qquad x = 3 \qquad \qquad \qquad \text{Impossible !}$$

$$x = \pm\sqrt{2} \qquad \qquad \qquad x = -\frac{3}{4}$$

Cas utile atypique à valider.

$$f(x) \geq g(x) \qquad \qquad \qquad \text{ou} \quad \text{Utile.}$$

$$f(x)^2 \geq g(x)^2 \qquad \qquad \qquad \downarrow E1$$

$$f(x)^2 - g(x)^2 \geq 0 \qquad \qquad \qquad \downarrow E2$$