

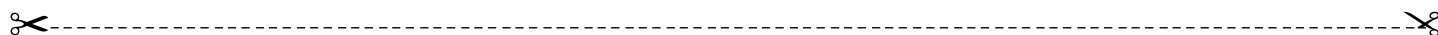
## Exercice n°1

$$S_a = \{-5; -4; 0; 1,8; 3\} \quad S_b = ]-3,4; -0,6[ \quad S_c = [-6; -2] \cup [1; 3] \quad S_d = [-6; -5] \cup [-4; -1] \cup [2; 3]$$

$$S_e = \{-5; -4; -1; 2; 3\}$$

## Exercice n°2

	Vrai	Faux
Si $x \in ]0; 2[$ alors $f(x) < g(x)$	✓	
Si $f(x) < g(x)$ alors $x \in ]0; 2[$		✓
Si $x = 1$ alors $g(x) = 0$	✓	
Si $g(x) = 0$ alors $x = 1$		✓
Si $x \in [-2; -1,5]$ alors $f(x) \times g(x) < 0$	✓	
Si $f(x) \times g(x) < 0$ alors $x \in [-2; -1,5]$		✓



## Exercice n°1

$$S_a = \{-2; 1\} \quad S_b = [-6; -3,4] \cup [-0,6; 3] \quad S_c = ]-1,6; 0,5[ \quad S_d = [-5; -4] \cup [-1; 2]$$

$$S_e = \{-5; -4; -1; 2; 3\}$$

## Exercice n°2

	Vrai	Faux
Si $x \in ]0; 2[$ alors $f(x) < g(x)$	✓	
Si $f(x) < g(x)$ alors $x \in ]0; 2[$		✓
Si $x = -2$ alors $g(x) = 0$	✓	
Si $g(x) = 0$ alors $x = -2$		✓
Si $x \in [-2; -1,5]$ alors $f(x) \times g(x) < 0$	✓	
Si $f(x) \times g(x) < 0$ alors $x \in [-2; -1,5]$		✓