

Correction interrogation 3

Exercice 1

$$a) -5323,131 - 9,0132414139 < 0$$

$$b) -324399239 + 13412324312414314 > 0$$

$$c) (-1224) \div (-2) > 0$$

$$d) (-132843) \times (-124) > 0$$

$$e) 1343 \div (-14) \times (-6) \div (-7) < 0$$

Exercice 2

$$a) 2 + (-7) + 3 = 5 - 7 = \underline{-2}$$

$$b) 5 - (-3) - 5 = 5 + 3 - 5 = 8 - 5 = \underline{3}$$

$$\begin{aligned} c) 4 - (7 - (-2)) + (-2) - (5 - 12) &= 4 - (7 + 2) - 2 - (-7) \\ &= 4 - 9 - 2 + 7 \\ &= 11 - 11 = \underline{0} \end{aligned}$$

$$d) (-3) \times 2 = \underline{-6}$$

$$e) (3 - 6) \times (7 - 10) = (-3) \times (-3) = \underline{9}$$

$$f) (16 - 10) \div (-1 - 1) = 6 \div (-2) = \underline{-3}$$

$$g) (2 - (-8)) \div (-6 + 8) = (2 + 8) \div 2 = 10 \div 2 = \underline{5}$$

Exercice 3

2			
-6		8	
-4	-2	10	
-3	-1	-1	11

36			
12		8	
-6	-2	-4	
-3	2	-1	4

Exercice 4

$$a) 16 \times (-7) + 4 \times (-5) - 12 \times 2 = -112 - 20 - 24 \\ = -156$$

$$b) 9 \div (-3) \times (-2) = (-3) \times (-2) = \underline{6}.$$

Correction interrogation 3

Exercice 1

- a) $10\,324 - 19\,403\,130 < 0$ car $10\,324 < 19\,403\,130$.
- b) $-1,23424 - 9,013323 < 0$ (car on somme deux négatifs).
- c) $(-121) \times (-12124) > 0$ (produit de deux nombres négatifs).
- d) $4 \div (-2) < 0$
- e) $(-1343) \div (-1234) \times (-7) \div (-3) > 0$ car on a quatre termes négatifs ce qui est pair.

Exercice 2

- a) $2 + (-9) + 3 = 5 - 9 = \underline{-4}$
- b) $5 - (-4) - 3 = 5 + 4 - 3 = 9 - 3 = \underline{6}$
- c) $4 - (2 - (-2)) + (-3) - (9 - 12) = 4 - (2 + 2) + (-3) - (-3)$
 $= 4 - 4 - 3 + 3$
 $= 7 - 7 = \underline{0}$
- d) $(-2) \times 4 = \underline{-8}$
- e) $(3 - 5) \times (7 - 9) = (-2) \times (-2) = \underline{4}$
- f) $(6 - 10) \div (-1 - 1) = (-4) \div (-2) = \underline{2}$
- g) $(2 - (-8)) \div (-6 + 8) = (2 + 8) \div (2) = 10 \div 2 = \underline{5}$.

Exercice 3

6			
-18		24	
-21	3	21	
-2	-19	22	-1

54			
-18		-3	
-6	3	-1	
-2	3	1	-1

Exercice 4

$$\begin{aligned} \text{a) } & 17 \times (-7) + 4 \times (-4) - 12 \times 2 \\ & = -119 - 16 - 24 \\ & = -135 - 24 \\ & = \underline{\underline{-159}} \end{aligned}$$

$$\text{b) } 6 \div (-3) \times (-2) = (-2) \times (-2) = \underline{\underline{4}}$$