

exercice 1:

$$\bullet \quad \underbrace{-15 + 9}_{\text{strong}} = -6$$

$$\bullet \quad -9 - 7 = -16$$

$$\bullet \quad -14 + 21 = +7$$

$$\begin{aligned} \bullet \quad & \underbrace{14 - 27}_{\downarrow} + 11 - 10 \\ & = -13 + 11 - 10 \\ & = -2 - 10 \\ & = -12 \end{aligned}$$

$$\begin{aligned}
 & \bullet \quad -5 + 18 - 14,5 + 23,5 \\
 & = +13 - 14,5 + 23,5 \\
 & = -1,5 + 23,5 \\
 & = +22
 \end{aligned}$$

$$+ \bullet + \bullet = + \bullet$$

$$- \bullet - \bullet = - \text{ (addition)}$$

$$\begin{array}{l}
 - \bullet + \bullet \\
 + \bullet - \bullet
 \end{array}
 = \left. \begin{array}{l}
 + \bullet \\
 - \bullet
 \end{array} \right\} \begin{array}{l}
 \text{(le - est sur} \\
 \text{le plus petit)} \\
 \\
 \text{(le - est sur} \\
 \text{le plus grand)}
 \end{array}$$

$$\begin{array}{ccc} + & x & + \\ - & x & - \end{array} \left. \vphantom{\begin{array}{ccc} + & x & + \\ - & x & - \end{array}} \right\} \Rightarrow \cancel{+}$$

$$\begin{array}{ccc} - & x & + \\ + & x & - \end{array} \left. \vphantom{\begin{array}{ccc} - & x & + \\ + & x & - \end{array}} \right\} \Rightarrow -$$

$$\frac{+}{+} \quad \text{or} \quad \frac{-}{-} \quad \Rightarrow \quad +$$

$$\frac{+}{-} \quad \text{or} \quad \frac{-}{+} \quad \Rightarrow \quad -$$

exercice 2 :

- $(-4) \times 9 = -36$

- $(-5) \times (-7) = 35$

- $6 \times (-9) = -54$

- $-11 \times 4 = -44$

- $12 \times (-0,1) = -1,2$

- $\frac{-99}{-11} = 9$

- $(-0,7) \times (-100) = +70$

↳ 70

exercice 3:

$$A = \underline{-2 \times 25} \times (-5) \times (-4) \times (-9)$$

$$= \underline{-50 \times (-5)} \times (-4) \times (-9)$$

$$= \underline{250 \times (-4)} \times (-9)$$

$$= -1000 \times (-9)$$

$$= 9000$$

$$D = -0, \underline{03} \times (-2) \times 7 \times (-100) \times 0,5$$

$$C = \underline{-5 \times (-1,25)} \times (-3) \times 20 \times (-8)$$

$$= + \underline{6,25} \times (-3) \times 20 \times (-8)$$