

N7 : Démontrer une compréhension de la multiplication et de la division de nombres entiers, de façon concrète, imagée et symbolique.

$$\begin{array}{ccc} (-4) \times (+5) = -20 \\ \underline{\text{facteur}} \quad \underline{\text{facteur}} \quad \underline{\text{produit}} \end{array}$$

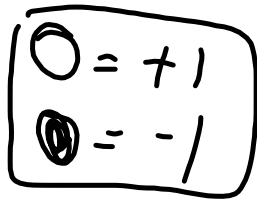
$$\begin{array}{ccc} (-20) \div (-4) = +5 \\ \underline{\text{dividende}} \quad \underline{\text{diviseur}} \quad \underline{\text{quotient}} \end{array}$$

$$(-2) + (-5) = -7$$

$$-2 - 5 = -7$$

$$(+5) - (+3) = +2$$

$$(+ 3) - (-2) = +5$$



le truc

$$\begin{array}{r} + \\ - \end{array} \quad \begin{array}{r} + \\ - \end{array} = \begin{array}{r} + \\ + \end{array}$$

$$\begin{array}{r} + \\ - \end{array} \quad \begin{array}{r} - \\ - \end{array} = \begin{array}{r} - \\ - \end{array}$$

$$\begin{array}{r} - \\ - \end{array} \quad \begin{array}{r} + \\ - \end{array} = \begin{array}{r} - \\ - \end{array}$$

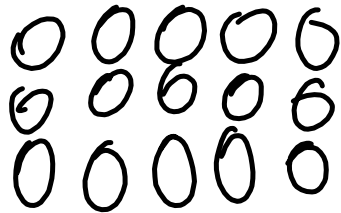
$$(-5) (+3)$$

commutativité!

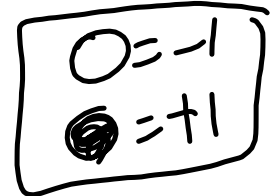
Utilise
premier term
est negatif.

$$(+3) (-5)$$

J'ajoute 3 groupes de -5

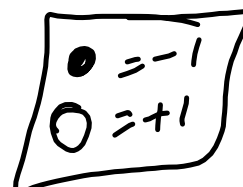
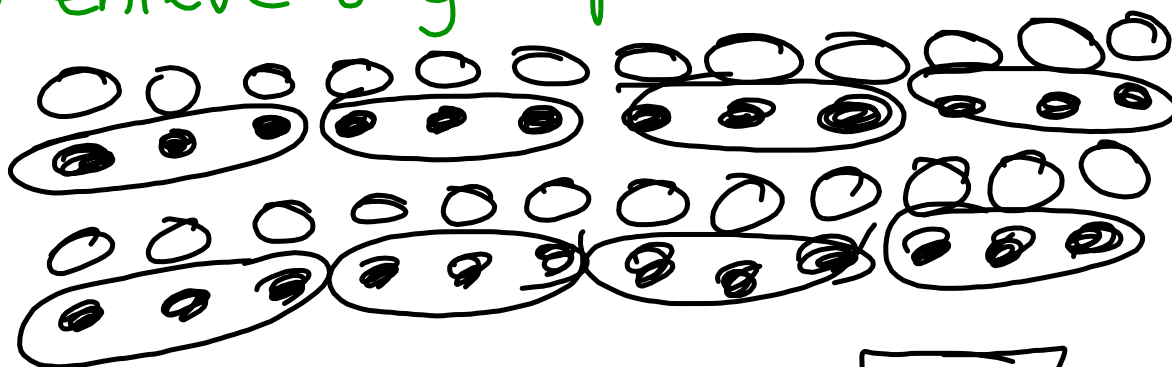


$$\boxed{-15}$$



$$(-8)(-3)$$

J'enlève 8 groupes de -3.



$$\begin{aligned} & (-1)(+5)(-1)(+5) \\ & \quad \underbrace{\hspace{1.5cm}} \\ & - 5(-1)(+5) \\ & \quad + 5(+5) \\ & \quad \quad + 25 \end{aligned}$$

$(-6) (+6)$

 → regarde ← saute en avant

 ↳ # bond → grandeur bond. = $\boxed{-36}$

