

2.5 PEDMAS : l'ordre des opérations

Le 21 fev/
2017

PEDMAS

- ① Division / multiplication
- ② Addition / soustraction

$$\begin{aligned}\text{Ex 1: } & [(-12) + (-2)] \div [(-49) + (-10) + (-5)] \\ & = (-14) \div [(-59) + (-5)] \\ & = (-14) \div (-64) \\ & = \frac{-14^{-2}}{-64^{-2}} \\ & = \frac{+7}{32}\end{aligned}$$

$$\begin{aligned}\text{Ex 2: } & \frac{2 + (4 \times -9)}{-2} \\ & = \frac{2 + (-36)}{-2} \\ & = \frac{-34}{-2} \\ & = +17\end{aligned}$$

$$\begin{aligned}\text{Ex 3: } & \frac{36 - (-12)}{3(-4)} \times (-2) \\ & = \frac{(48) \times (-2)}{-12} \\ & = \frac{-96}{-12} \\ & = +8 \checkmark\end{aligned}$$