

Correction du devoir m2 - S.2

$$\begin{aligned} \text{Ex1: } A &= 15 \times (28 - (3+3) \times 3) \\ &= 15 \times (28 - 6 \times 3) \\ &= 15 \times (28 - 18) \\ &= 15 \times 10 \\ &= \underline{150} \end{aligned}$$

$$\begin{aligned} B &= (2+3) \times (4+4) - 1 + 12 \times 5 \\ &= 5 \times 8 - 1 + 60 \\ &= 40 - 1 + 60 \\ &= \underline{99} \end{aligned}$$

$$\begin{aligned} C &= 48 \times (20+2) \\ &= 48 \times 20 + 48 \times 2 \\ &= 960 + 96 \\ &= \underline{1056} \end{aligned}$$

$$\begin{aligned} D &= (50-1) \times 14 \\ &= 50 \times 14 - 1 \times 14 \\ &= 700 - 14 \\ &= \underline{686} \end{aligned}$$

$$\begin{aligned} E &= 45 \times 101 \\ &= 45 \times 100 + 45 \times 1 \\ &= 4500 + 45 \\ &= \underline{4545} \end{aligned}$$

$$\begin{aligned} F &= 37 \times 98 \\ &= 37 \times 100 - 37 \times 2 \\ &= 3700 - 74 \\ &= \underline{3626} \end{aligned}$$

$$\begin{aligned} G &= 7,4 \times 9,2 + 9,8 \times 7,4 \\ &= 7,4 \times (9,2 + 9,8) \\ &= 7,4 \times 10 = \underline{74} \end{aligned}$$

$$\begin{aligned} H &= 13,8 \times 2,4 - 13,8 \times 9,4 \\ &= 13,8 \times (2,4 - 9,4) \\ &= 13,8 \times 2 = \underline{27,6} \end{aligned}$$

$$\begin{aligned} I &= 54 \times 2,1 + 2,18 \times 54 + 46 \times 4,28 \\ &= 54 \times (2,1 + 2,18) + 46 \times 4,28 \\ &= 54 \times 4,28 + 46 \times 4,28 \\ &= (54 + 46) \times 4,28 \\ &= 100 \times 4,28 = \underline{428} \end{aligned}$$

$$\begin{aligned} \text{Ex3: } & (739 - 654 - 3 \times 25) : 2 \\ &= (739 - 654 - 75) : 2 \\ &= (85 - 75) : 2 \\ &= 10 : 2 \\ &= 5 \end{aligned}$$

Chaque accompagnateur paie 5€ l'entrée