

Devoir - Maison

exercice 1:

$(-6) \times 7 \times (-1) \times (-7)$	$\frac{11 \times (-3)}{-5 \times 123}$
$-$	$+$

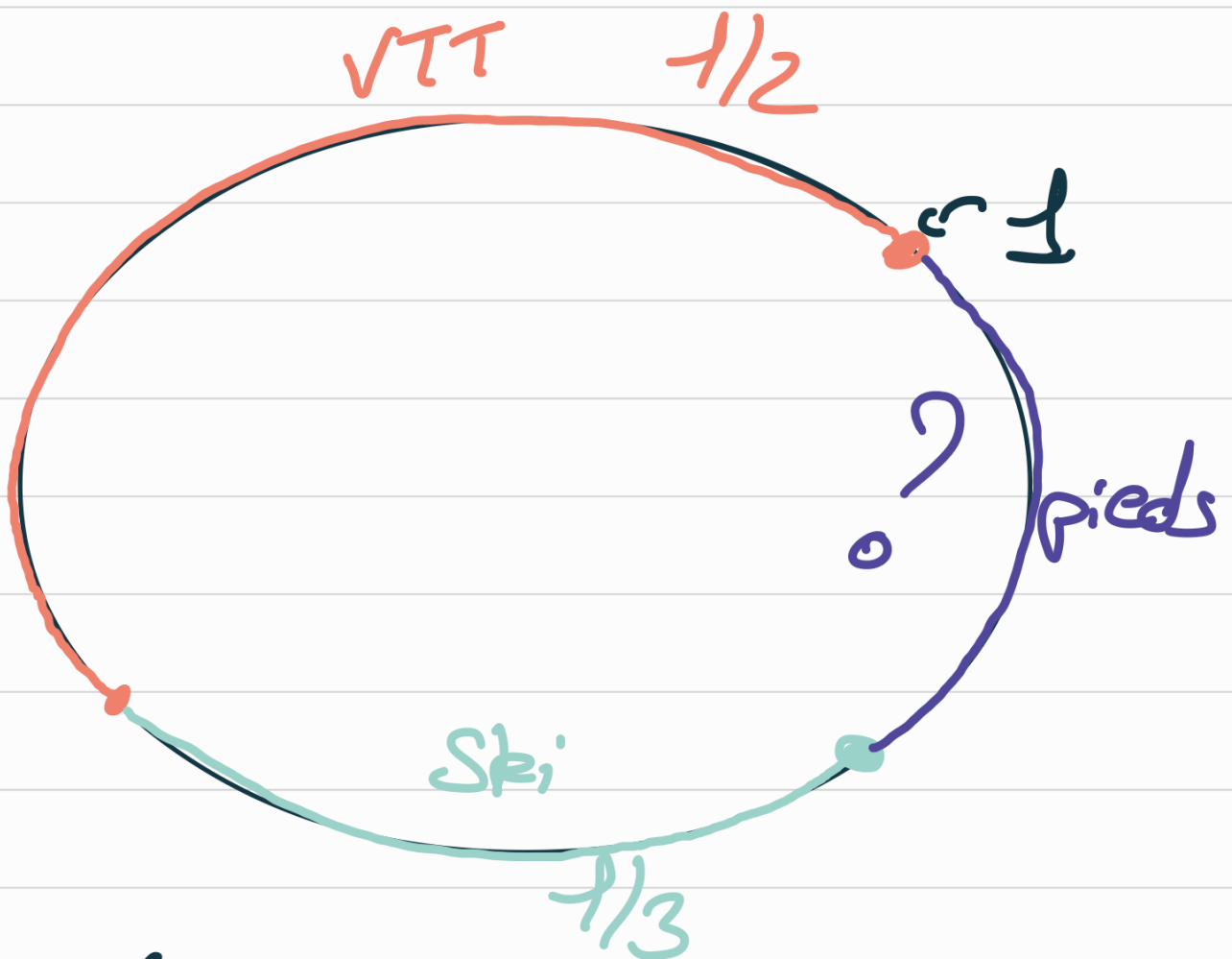
exercice 2:

$$A = 56789.$$

$$\underbrace{10^4}_{10\ 000} < A < \underbrace{10^5}_{100\ 000}$$

$$10^n = \underbrace{1,000 \dots 000}_{n \text{ zeros}}$$

exercice 3:



$$1 - \left(\frac{1}{2} + \frac{1}{3} \right) = 1 - \left(\frac{3 \times 1 + 2 \times 1}{2 \times 3} \right) = 1 - \frac{5}{6}$$

$$= \frac{1 \times 6 - 5}{6}$$

$$= \frac{1}{6}$$

donc il parcourt $\frac{1}{6}$ du circuit à pieds.

$$\text{Et on a : } \frac{1}{6} < \frac{1}{5} < \frac{1}{2}.$$

Donc Steve a raison.

exercice 4 :

$$\begin{aligned} \bullet 3(4x + 5) &= 3 \times 4x + 3 \times 5 \\ &= 12x + 15 \end{aligned}$$

$$\begin{aligned} \bullet 2(-3x + 6) &= 2 \times (-3x) + 2 \times 6 \\ &= -6x + 12. \end{aligned}$$

exercice 5 :

$$8x - 4 = 11 + 5x$$

$$8x - 5x = 11 + 4$$

$$\textcircled{3x} = 15$$

$$x = \cancel{15} - 3 \Rightarrow x = \frac{15}{3}$$

$$x = \cancel{12} \Rightarrow x = 5.$$