

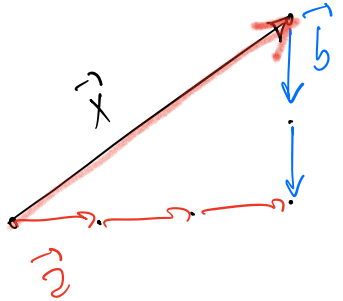
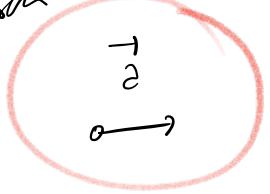
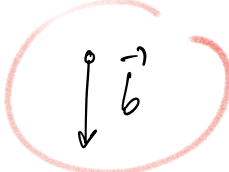
- 1.1.11
- 1.1.13
- 1.1.16

EXERCICES DU JOUR

(À FAIRE POUR MARDI 5 IX)

1.1.11

Exprimer  $\vec{x}$  comme combinaison linéaire de  $\vec{a}$  et  $\vec{b}$



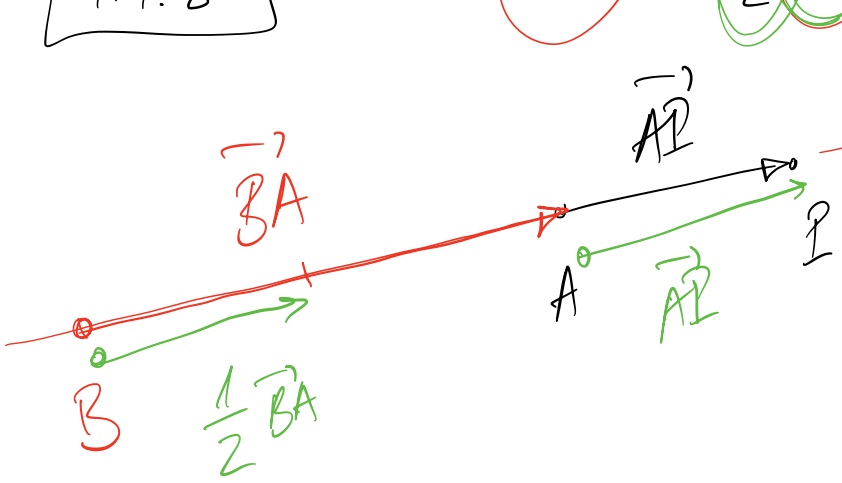
$$\vec{x} = \vec{a} + \vec{a} + \vec{a} + (-\vec{b}) + (-\vec{b})$$

$$= 3\vec{a} - 2\vec{b}$$

combinaison linéaire

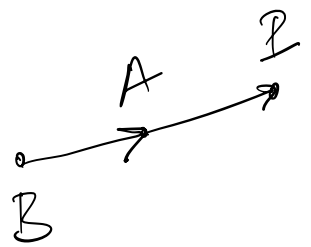
1.1.8

$$\vec{AP} = \frac{1}{2} \vec{BA}$$

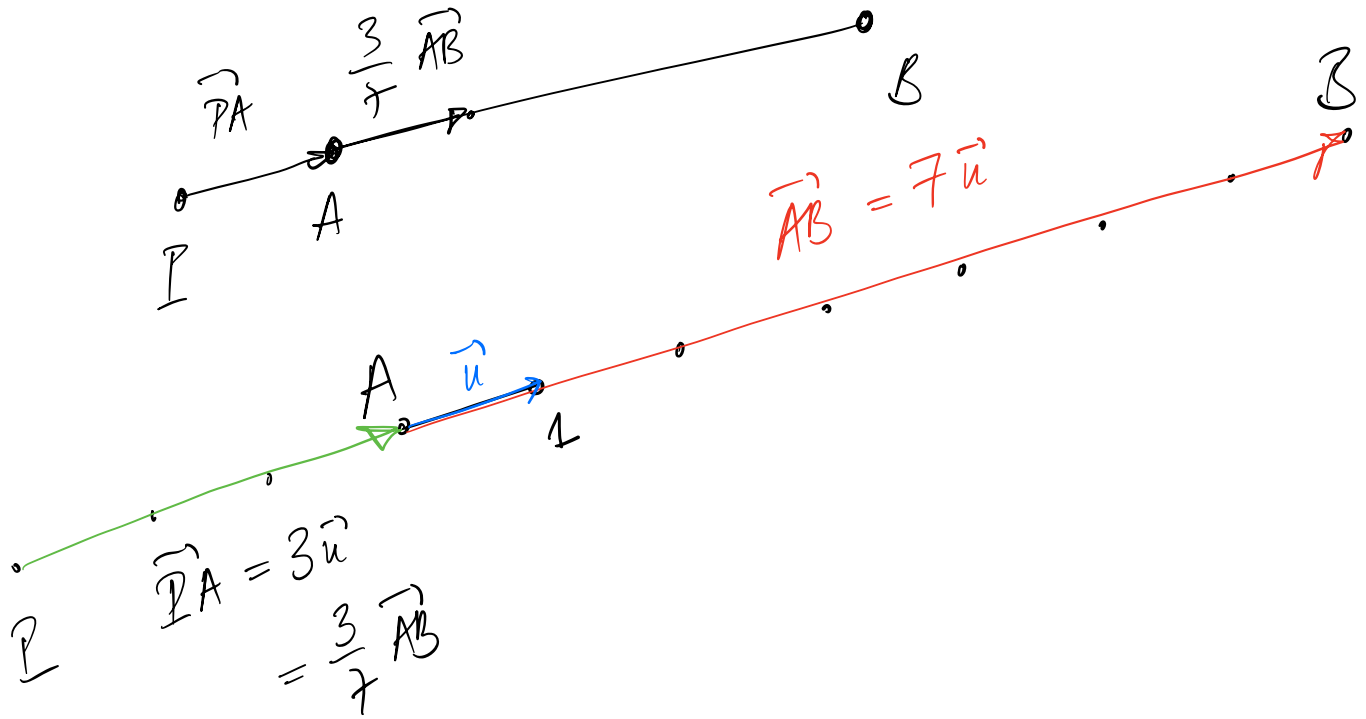


$$\vec{AP} = \frac{1}{2} \vec{AB}$$

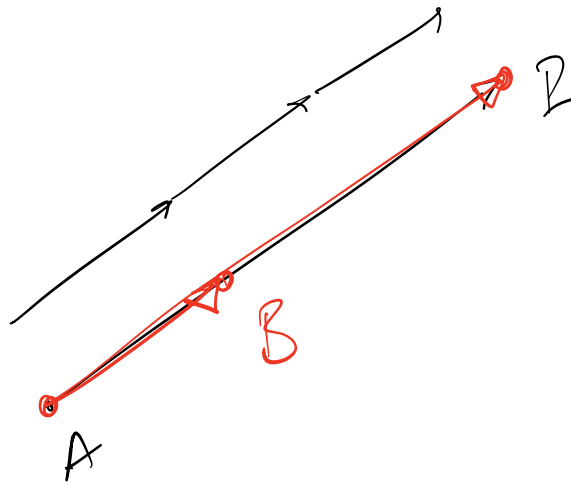
$$\vec{AP} = -\frac{1}{2} \vec{BA}$$



$$\vec{PA} = \frac{3}{7} \vec{AB}$$



$$\vec{AR} = 3\vec{AB}$$



$$\vec{AC} + 2\vec{BC} = 2\vec{CA} - 5\vec{CB} + 3\vec{AB}$$

$$\vec{XY} = -\vec{YX}$$

$$\vec{XZ} + \vec{ZY} = \vec{XY}$$