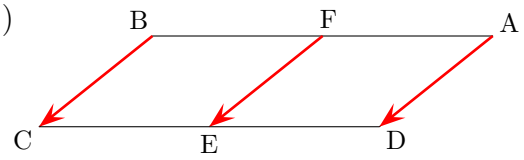
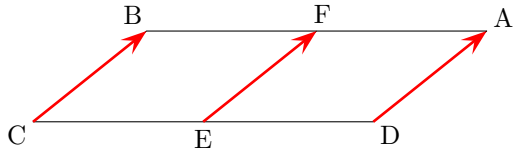
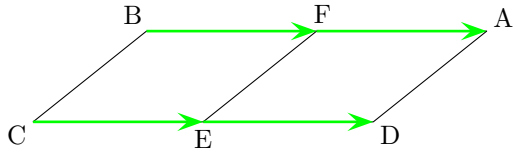
8.1 1)



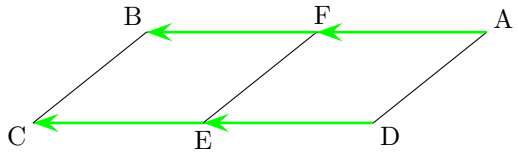
$\overrightarrow{BC} = \overrightarrow{FE} = \overrightarrow{AD}$



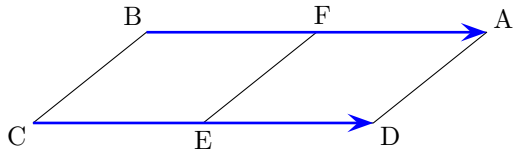
$\overrightarrow{CB} = \overrightarrow{EF} = \overrightarrow{DA}$



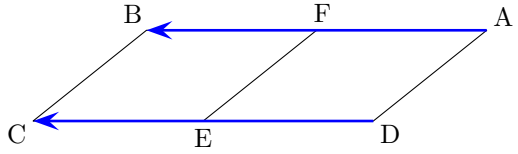
$\overrightarrow{CE} = \overrightarrow{ED} = \overrightarrow{BF} = \overrightarrow{FA}$



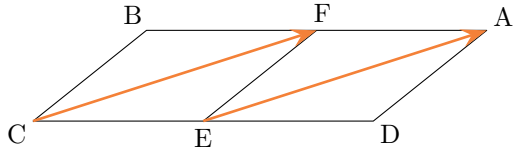
$\overrightarrow{EC} = \overrightarrow{DE} = \overrightarrow{FB} = \overrightarrow{AF}$



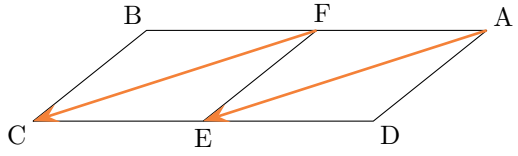
$\overrightarrow{BA} = \overrightarrow{CD}$



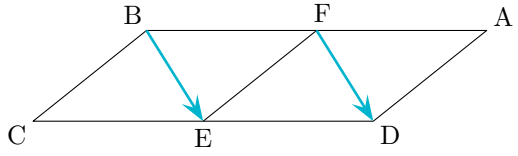
$\overrightarrow{AB} = \overrightarrow{DC}$



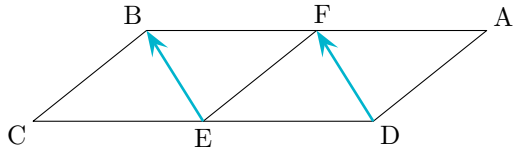
$\overrightarrow{CF} = \overrightarrow{EA}$



$\overrightarrow{FC} = \overrightarrow{AE}$

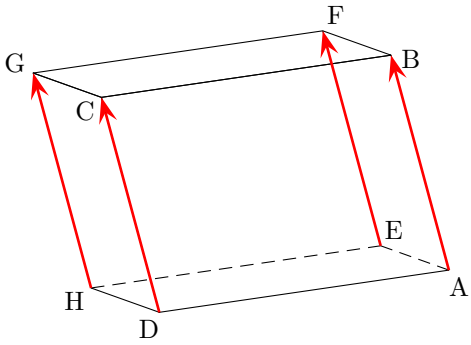


$\overrightarrow{BE} = \overrightarrow{FD}$

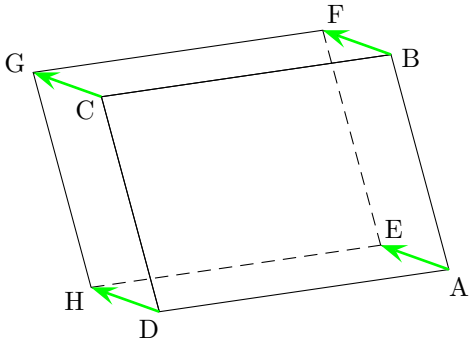


$\overrightarrow{EB} = \overrightarrow{DF}$

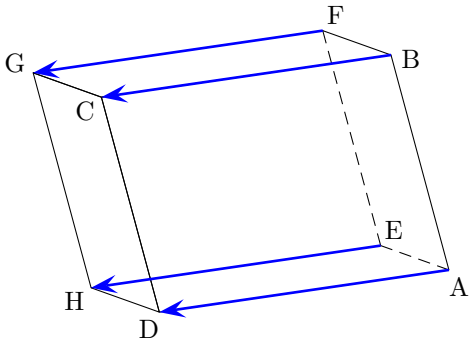
2)



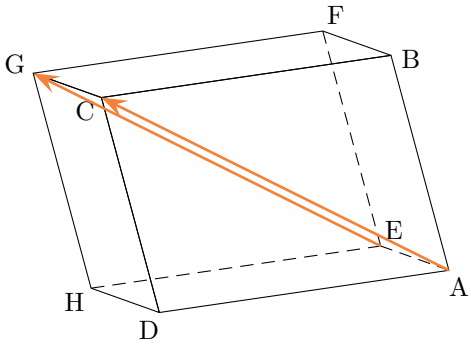
$\overrightarrow{AB} = \overrightarrow{DC} = \overrightarrow{HG} = \overrightarrow{EF}$



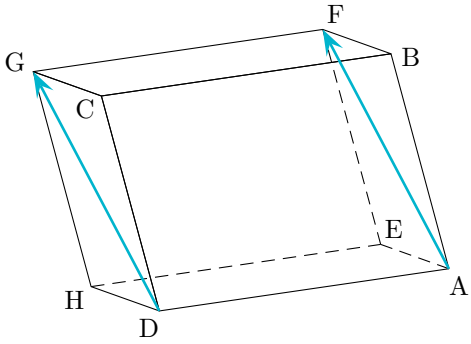
$\overrightarrow{AE} = \overrightarrow{DH} = \overrightarrow{CG} = \overrightarrow{BF}$



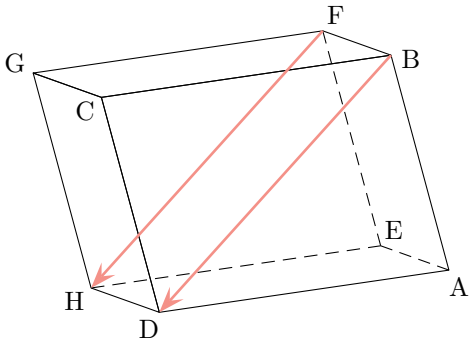
$\overrightarrow{AD} = \overrightarrow{BC} = \overrightarrow{EH} = \overrightarrow{FG}$



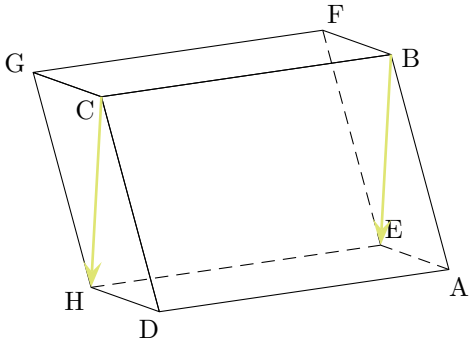
$\overrightarrow{AC} = \overrightarrow{EG}$



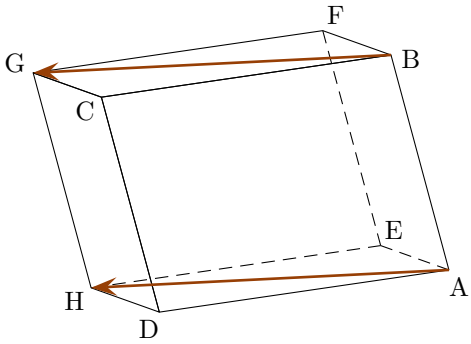
$\overrightarrow{AF} = \overrightarrow{DG}$



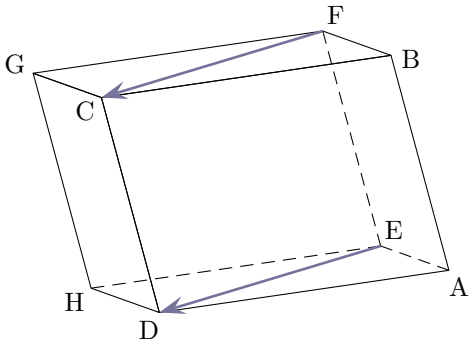
$\overrightarrow{BD} = \overrightarrow{FH}$



$\overrightarrow{BE} = \overrightarrow{CH}$



$\overrightarrow{BG} = \overrightarrow{AH}$



$\overrightarrow{FC} = \overrightarrow{ED}$

On peut récrire ces égalités avec les vecteurs opposés.