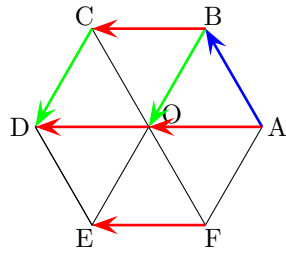


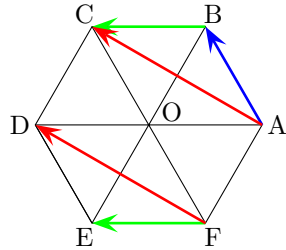
6.4

1)



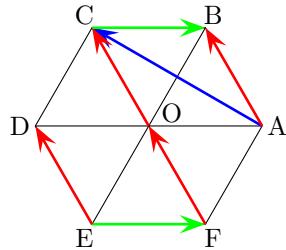
$$\begin{aligned}\vec{a} &= \overrightarrow{AB} + \overrightarrow{CD} \\ &= \overrightarrow{AB} + \overrightarrow{BO} \\ &= \overrightarrow{AO} \\ &= \overrightarrow{OD} = \overrightarrow{BC} = \overrightarrow{FE}\end{aligned}$$

2)



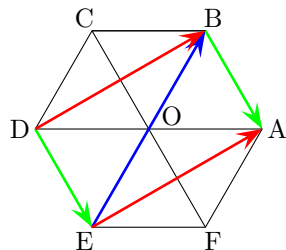
$$\begin{aligned}\vec{b} &= \overrightarrow{AB} + \overrightarrow{FE} \\ &= \overrightarrow{AB} + \overrightarrow{BC} \\ &= \overrightarrow{AC} \\ &= \overrightarrow{FD}\end{aligned}$$

3)



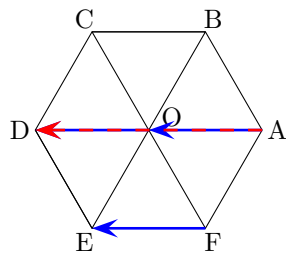
$$\begin{aligned}\vec{c} &= \overrightarrow{AC} - \overrightarrow{FE} \\ &= \overrightarrow{AC} + \overrightarrow{EF} \\ &= \overrightarrow{AC} + \overrightarrow{CB} \\ &= \overrightarrow{AB} \\ &= \overrightarrow{FO} = \overrightarrow{OC} = \overrightarrow{ED}\end{aligned}$$

4)



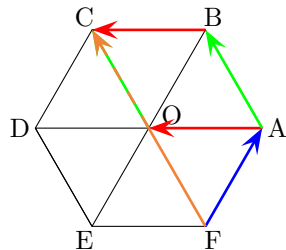
$$\begin{aligned}\vec{d} &= \overrightarrow{EB} + \overrightarrow{DE} \\ &= \overrightarrow{EB} + \overrightarrow{BA} \\ &= \overrightarrow{EA} \\ &= \overrightarrow{DB}\end{aligned}$$

5)



$$\begin{aligned}\vec{e} &= \overrightarrow{FE} + \overrightarrow{FE} \\ &= \overrightarrow{AO} + \overrightarrow{OD} \\ &= \overrightarrow{AD}\end{aligned}$$

6)



$$\begin{aligned}\vec{f} &= \overrightarrow{FA} + \overrightarrow{BC} + \overrightarrow{AB} + \overrightarrow{EE} \\ &= \overrightarrow{FA} + \overrightarrow{AO} + \overrightarrow{OC} + \vec{0} \\ &= \overrightarrow{FC}\end{aligned}$$