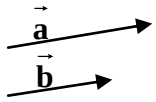
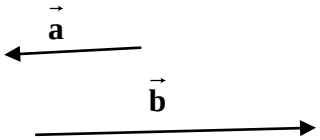
PRIPREMA : VEKTORI – TRANSLACIJA

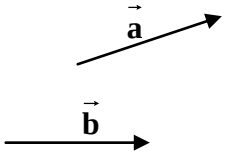
1. Izračunaj zbroj vektora $\vec{\mathbf{a}}+\vec{\mathbf{b}}$. (a || b)



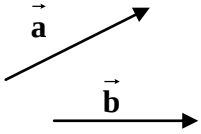
2. Izračunaj zbroj vektora $\vec{\mathbf{a}}+\vec{\mathbf{b}}$. (a || b)



3. Pravilom paralelograma zbroji vektore $\vec{\mathbf{a}}$ i $\vec{\mathbf{b}}$.

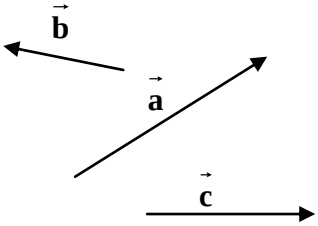


4. Pravilom trokuta zbroji vektore $\vec{\mathbf{a}}$ i $\vec{\mathbf{b}}$.

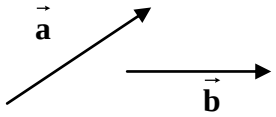


5. Zbroji vektore $\overrightarrow{\mathbf{AB}}$ i $\overrightarrow{\mathbf{AC}}$ ako je $\mathbf{A(2,1)}$, $\mathbf{B(-2,2)}$ i $\mathbf{C(3,-2)}$ $\left(\mathbf{|OE_1|=|OE_2|=10mm}\right)$.

6. Zbroji vektore $\vec{\mathbf{a}}+\vec{\mathbf{b}}+\vec{\mathbf{c}}$.



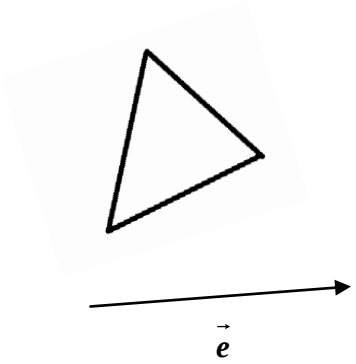
7. Izračunaj razliku vektora $\vec{\mathbf{b}} - \vec{\mathbf{a}}$.



8. Nacrtaj pravilni šesterokut ABCDEF sa središtem S.Nacrtajte i napišite vektor koji je jednak zbroju vektora:

   a) $\overrightarrow{\mathbf{AB}} + \overrightarrow{\mathbf{BC}} =$
   b) $\overrightarrow{\mathbf{AB}} + \overrightarrow{\mathbf{CS}} =$
   c) $\overrightarrow{\mathbf{BE}} - \overrightarrow{\mathbf{CD}} =$
   d) $\overrightarrow{\mathbf{FA}} - \overrightarrow{\mathbf{SC}} =$
   e) $-.\overrightarrow{FA} - \overrightarrow{SC} =$

9. Trokut ABC translatiraj za vektor $\vec{e}$.



10. Konstruiraj pravokutnik ABCD, $a = 4cm$, $b = 3cm$ i translatiraj ga za vektor $\vec{c}$, $\vec{c} = \overrightarrow{AB} + \overrightarrow{AD}$.

11. Kružnicu k translatiraj za vektor $\vec{a}$.