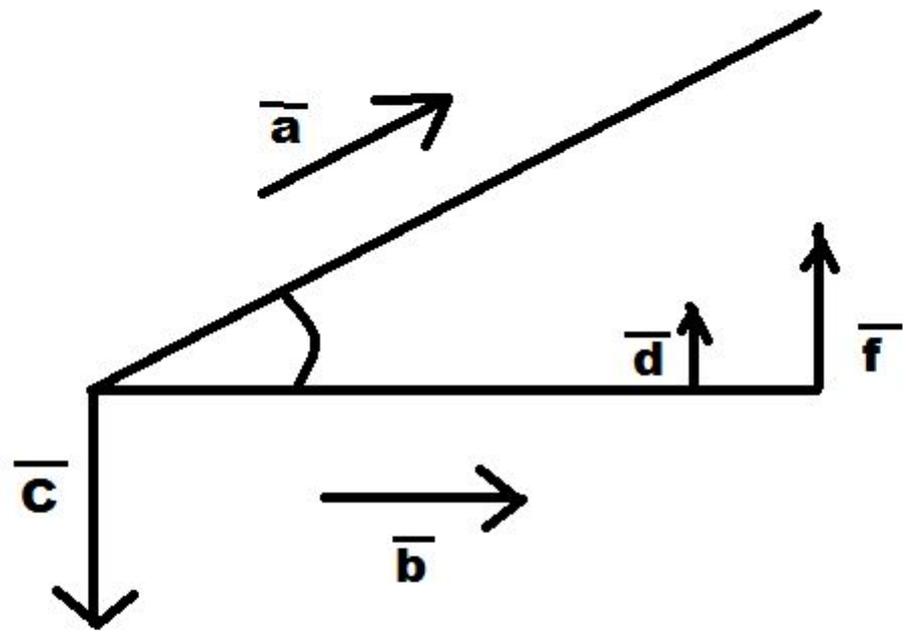


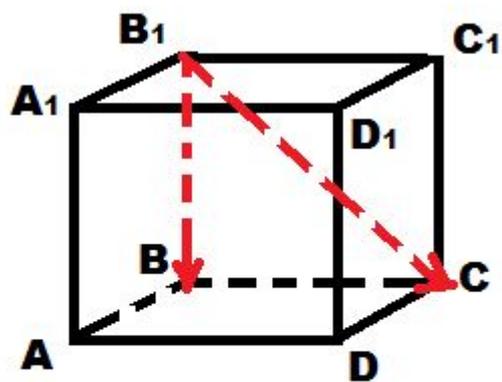
# *Угол между векторами*

Презентация к уроку  
геометрии в 11 классе

Приготовила: учитель математики  
МОУ «СОШ № 49» Баранова Л. В.

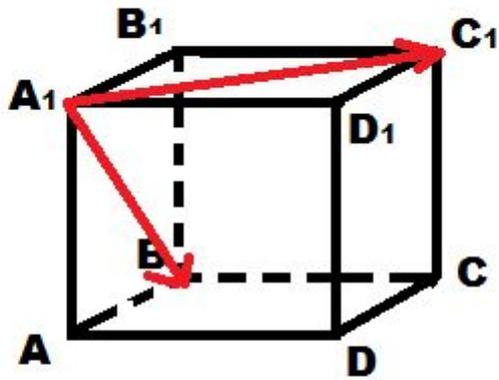


1)



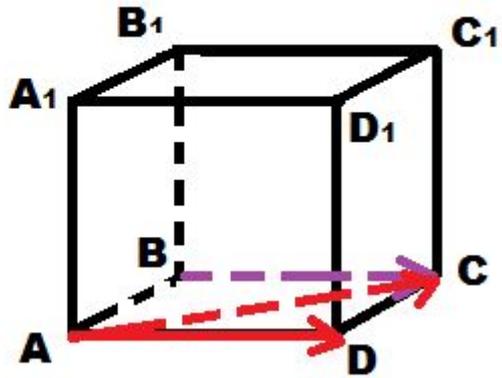
$$\widehat{(\vec{B_1B}; \vec{B_1C})} = 45^\circ$$

2)



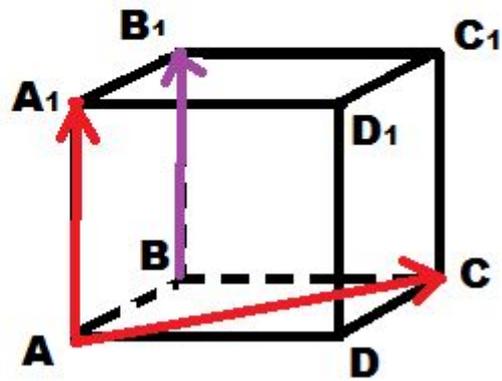
$$\widehat{(\vec{A_1C_1}; \vec{A_1B})} = 60^\circ$$

3)



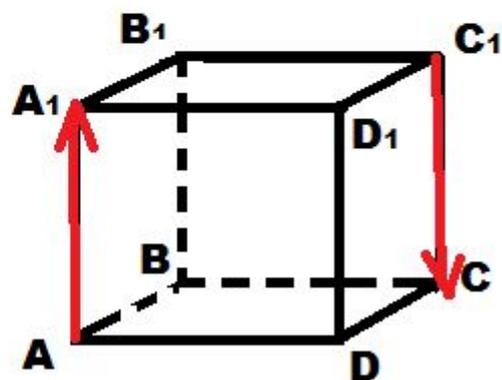
$$\widehat{(\vec{BC}; \vec{AC})} = 45^\circ$$

4)



$$\widehat{(\vec{BB}_1; \vec{AC})} = 90^\circ$$

5)



$$\widehat{(\vec{AA}_1; \vec{C}_1\vec{C})} = 180^\circ$$