



$$\vec{a} - \vec{b} = \vec{c}$$

По т. косинусов:

$$c^2 = a^2 + b^2 - 2ab \cdot \cos A$$

$$c^2 = 3^2 + 54^2 - 2 \cdot 3 \cdot 54 \cdot 0.5$$

$$c^2 = 9 + 2916 - 162 = 2763$$

$$|\vec{c}| = \sqrt{2763} = 3\sqrt{307}$$