Zad 1.5

$$\left|\vec{b}\right| = 8$$

$$|\vec{a}| = 4$$

$$|\vec{c}| = |\vec{a}| \cdot \left|\vec{b}\right| \cdot sin\,\alpha$$

a)

$|\vec{c}| = 4 \cdot 8 \cdot \sin 0° = 0$

b)

$|\vec{c}| = 4 \cdot 8 \cdot \sin 30° = 16$

c)

$|\vec{c}| = 4 \cdot 8 \cdot \sin 45° = 16\sqrt{2}$

d)

$|\vec{c}| = 4 \cdot 8 \cdot \sin 60° = 16\sqrt{3}$

e)

$|\vec{c}| = 4 \cdot 8 \cdot \sin 90° = 32$