

$$\vec{e} = (4, 2)$$

$$\vec{f} = (-2, 3)$$

$$\vec{g} = (3, -1)$$

$$\vec{T} = (-2, -2)$$

$$\vec{a} = \vec{e} + \vec{f}$$

$$\vec{a} = (4 + (-2), 2 + 3)$$

$$\vec{a} = (2, 5)$$

$$\vec{b} = \vec{g} - \vec{T}$$

$$\vec{b} = (3 - (-2), -1 - (-2))$$

$$\vec{b} = (5, 1)$$

$$\vec{c} = \vec{T} * 3$$

$$\vec{c} = 3(-2, -2)$$

$$\vec{c} = (-6, -6)$$

$$\vec{d} = \vec{e} * -1$$

$$\vec{d} = -1(4, 2)$$

$$\vec{d} = (-4, -2)$$