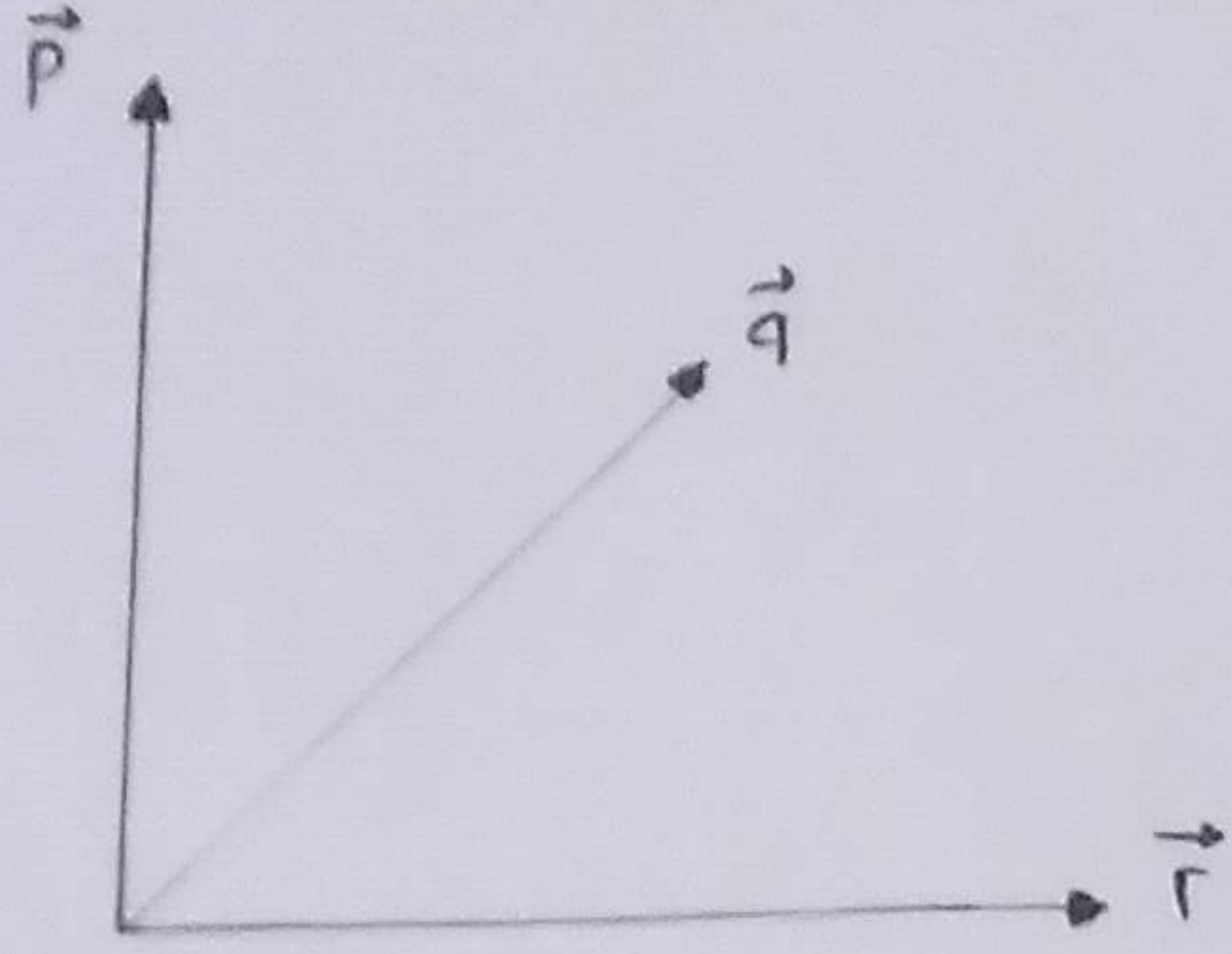


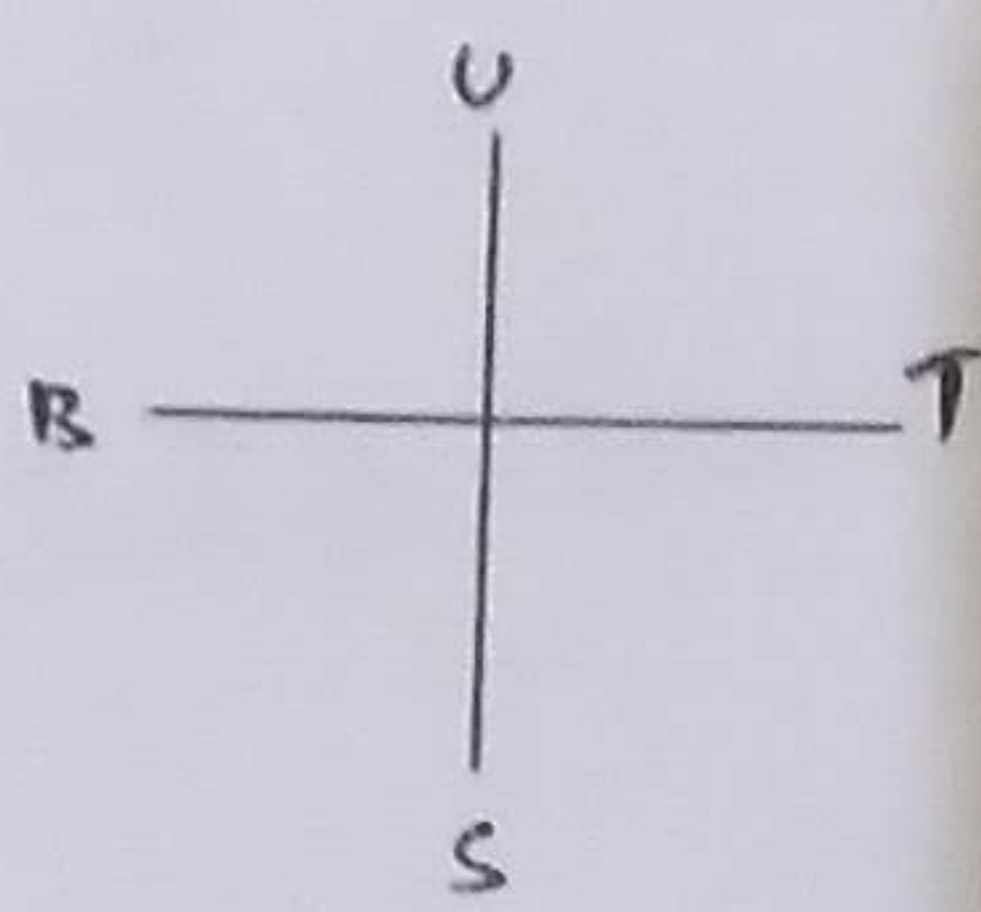
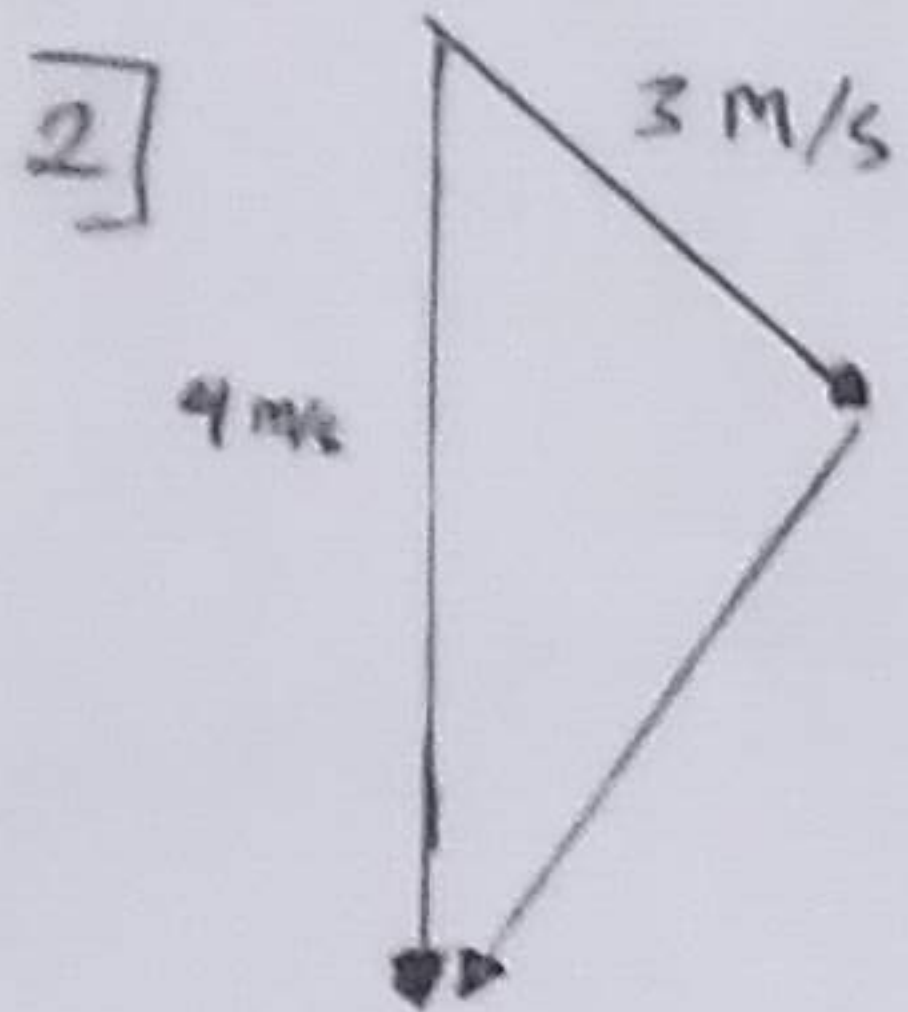
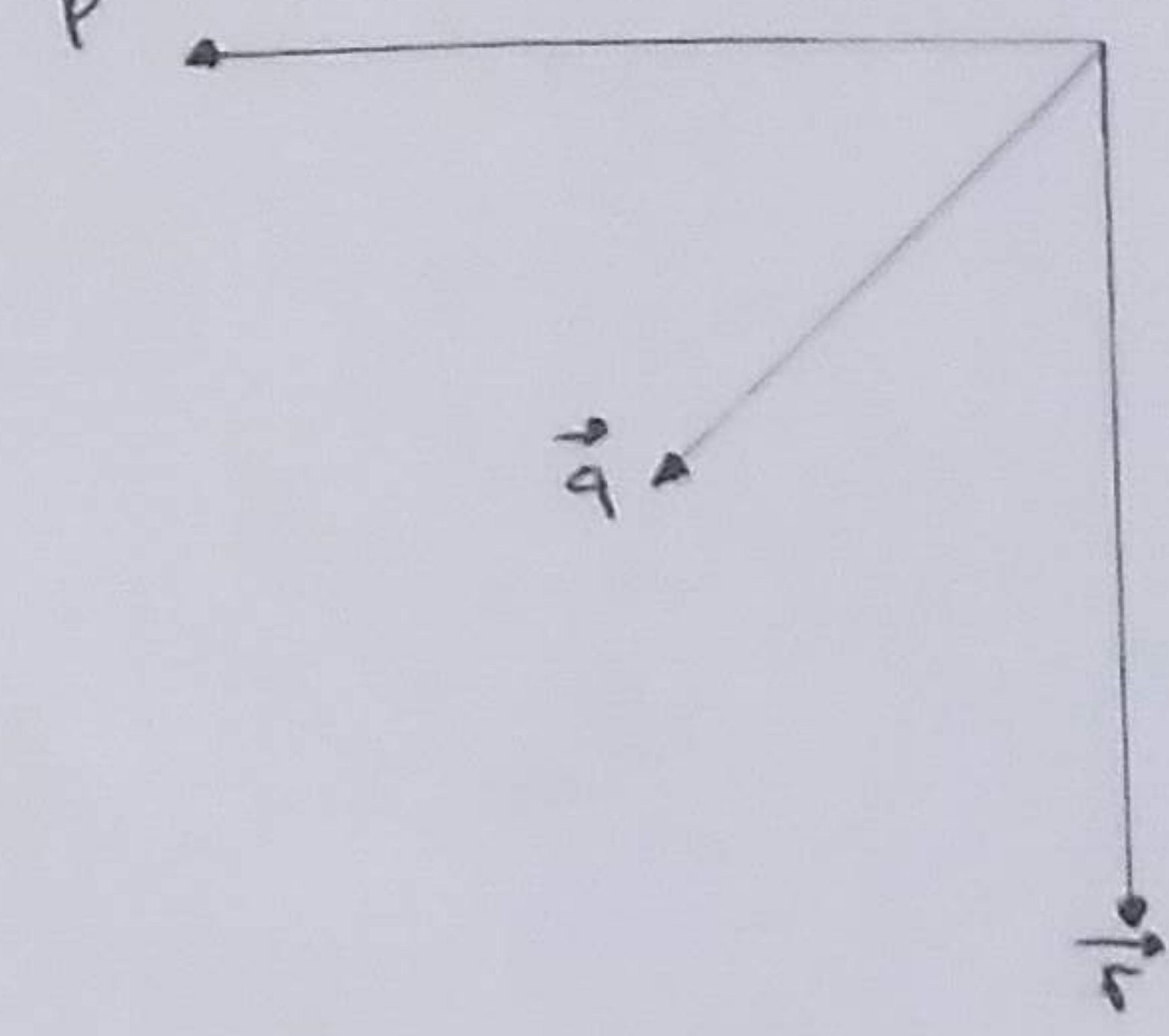
Nama : Reyhan F. Pramodja
Kelas : X MIPA 5
Mapel : Fisika

Jawaban Soal UH vektor

1] a. $\vec{S} = \vec{P} + \vec{q} + \vec{r}$



b. $\vec{S} = \vec{P} - \vec{q} - \vec{r}$



3] Diket: $F_1 = 20 \text{ N}$
 $F_2 = 10 \text{ N}$
 $\theta = 60^\circ$

Dit: $R = ?$

Jawab: $R = \sqrt{F_1^2 + F_2^2 + 2 \cdot F_1 \cdot F_2 \cdot \cos \theta}$

$$R = \sqrt{10^2 + 20^2 + 2 \cdot 10 \cdot 20 \cdot \cos 60}$$

$$R = \sqrt{100 + 400 + 400 \cdot \frac{1}{2}}$$

$$R = \sqrt{500 + 200}$$

$$R = \sqrt{700}$$

9]

5]

