Week 7 supplementery.

Friday, March 4, 2022 12:32 AM

Ex

P(1,2,3) Q(-2,4,1) R(0,6,-2)

$$\vec{RQ} \times \vec{RP}$$
 $\vec{RQ} = (-2-0, 4-6, 1-42)) = (-2,-2,3)$ 
 $\vec{RQ} \times \vec{RP} = (1-0, 2-6, 3-42) = (1,-4,5)$ 
 $\vec{RQ} \times \vec{RP} = (2, (3, (0)))$ 

$$R(0,6,-2)$$

$$2x+13(y-6)+10(2+2)=0$$

$$P(1,2,3)$$

$$2(x-1)+13(y-2)+10(2-3)=0$$

$$R(-2,4,1)$$

$$2(x+2)+13(y-4)+0(2-1)=0$$

