HW 8 Problem 3  (4 pts)

Solve the following problem using determinants

The vectors P and Q are given below:

\[ P = 2i - 5j + 3k, \quad Q = 3i + 2j - 4k \quad \text{and} \quad R = 5i - j + 2k. \]

Determine

a) \((Q \times P) \times R\)

b) \(Q \times (P \times R)\)