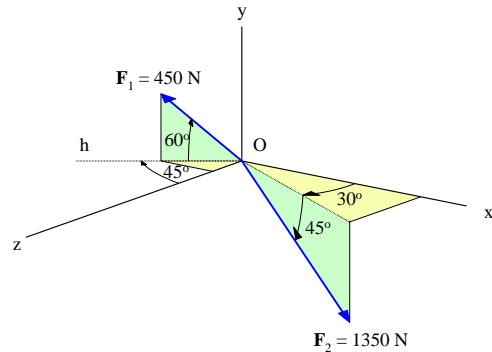


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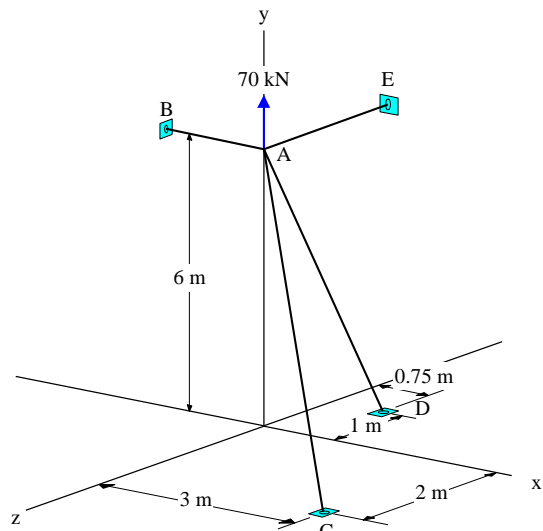
NAME: _____ Student # _____ GROUP: _____

ENG 1440 Assignment #6

1. Determine the resultant of the two forces shown. Line Oh lies in the xz-plane.



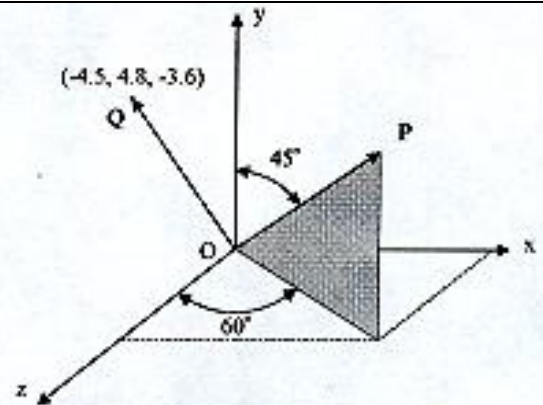
2. Four cables are connected at A, where an upward force of 70 kN is applied. Determine the tension in each cable if the tension in cable AB is 20 kN.



- 3) Find the magnitude and direction of the resultant, R, of the two forces shown, knowing,

$$P=6000\text{N and } Q=7500$$

All dimensions are in metres.



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