

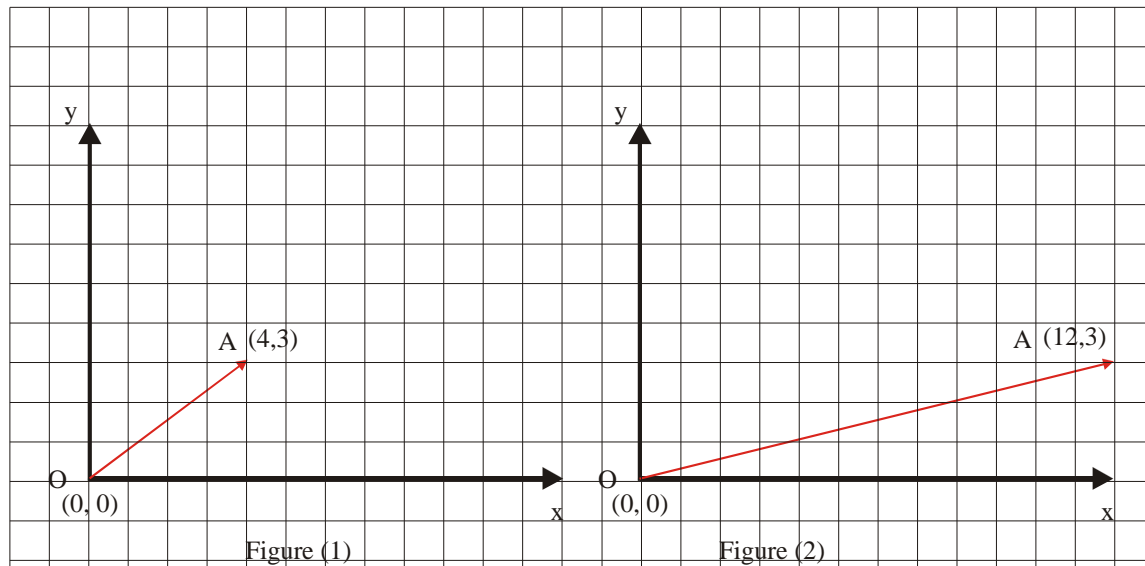
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PROBLEM SET 1 – D

ENG 1440

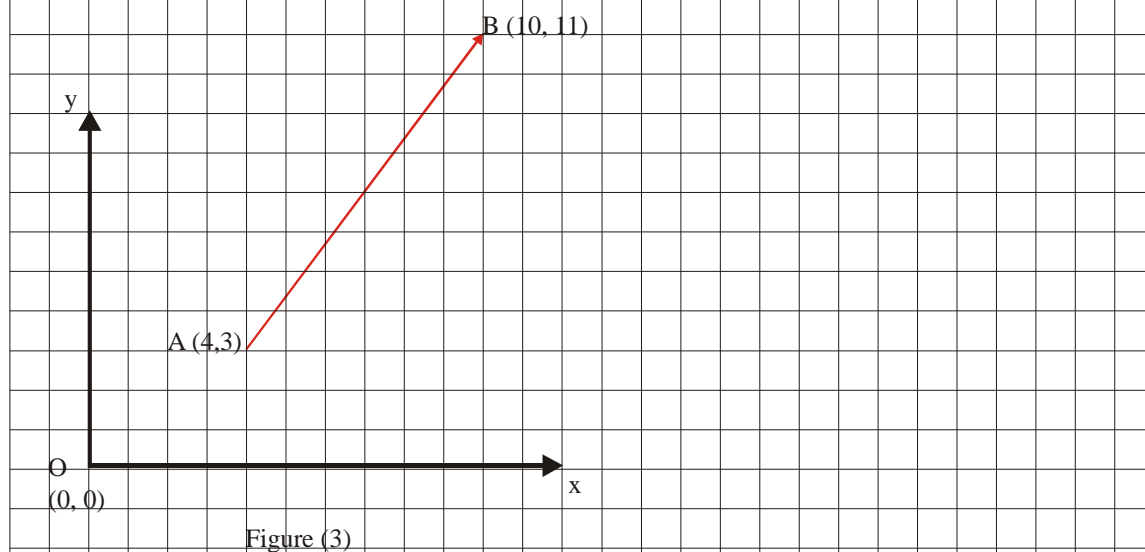
Introduction to Statics

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Given the coordinates of the origin, O , and the point A in Figures (1) and (2) above:

- (a) What is the slope of the line OA ?
- (b) What is the length of the line OA ?
- (c) What angle does the line make with the horizontal x axis?



Given the coordinates of the origin, O , and the points A and B in Figure (3) above:

- (a) What is the slope of the line AB ?
- (b) What is the length of the line AB ?
- (c) What angle does the line make with the horizontal x axis?