

ASSIGNMENT-2

A.TEJASRI

Download all python codes from

<https://github.com/tejasri3657/Assignment-3>

and latex-tikz codes from

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1 QUESTION No 2.49

Draw a parallelogram $OKAY$ with $OK = 5.5$ and $KA = 4.2$.

2 EXPLANATION

Given,

$OK=5.5$ and $KA=4.2$

We can draw a unique parallelogram, if both diagonals and the angle between them is given. Here angle is not given.

Since the opposite sides of a parallelogram are equal and parallel, we have to know two sides and we need to know at least one angle. So, the minimum number of measurements required to draw a unique parallelogram is 3.

Hence parallelogram cannot be formed.

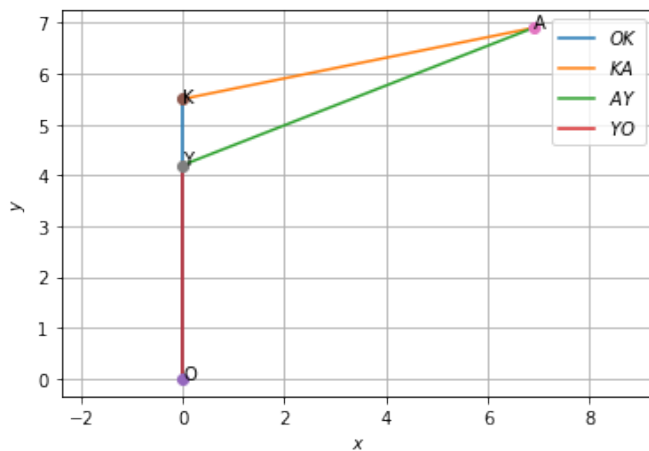


Fig. 2.1: Parallelogram