



#03 SA :Angle between lines

Total points

5/5



Name *

.....

Section *





1/1

The acute angle between the x-axis and the line joining the points (3, -1), (4, -2) is

30 °

Option 1

60 °

Option 2

45 °

Option 3



None of the above

Option 4





The acute angle θ between the lines joining the points $(1, 2)$, $(0, -1)$ and $(3, 1)$, $(0, 0)$ is given by

$$\tan \theta = \frac{4}{3}$$

Option 1



$$\tan \theta = \frac{-4}{3}$$

Option 2

$$\tan \theta = \frac{-2}{3}$$

Option 3

$$\tan \theta = \frac{2}{3}$$

Option 4





2/2

Two lines passing through the point (2, 3) intersect each other at an angle of 45° . If the slope of one line is 2, then find the slope of the other line.

$$3 \text{ or } -\frac{1}{3}$$

Option 1

$$4 \text{ or } -\frac{1}{4}$$

Option 2

$$-3 \text{ or } \frac{1}{3}$$

Option 3



$$-5 \text{ or } \frac{1}{5}$$

Option 4

This form was created inside of Sanskriti School.

Google Forms

