

4 Angle of inclination

Marks

1. Explain why $\tan\theta = m$

[1]

2. Find the angle of inclinations of the line with gradient of $\sqrt{3}$

[4]

3. Find the angle between the x - axis and the line joining the points $(4, 2)$ and $(1, -1)$

[1]

4. Find the equation of the line that is inclined at 30° and passes through the point $(-1, 2)$

[1]