

3D Trigonometry Solutions

1. $x = 10, y = 10\sqrt{2}$
2. $|BC| = \sqrt{2}, AC = \sqrt{3}$
3. (i) $x = 10.28\text{m}$.
(ii) $\alpha = 84^\circ$.
4. (i) $|AB| = 200\text{m}$.
(ii) $|DB| = 236.6\text{m}$.
(iii) $|AD| = 275.66\text{m}$.