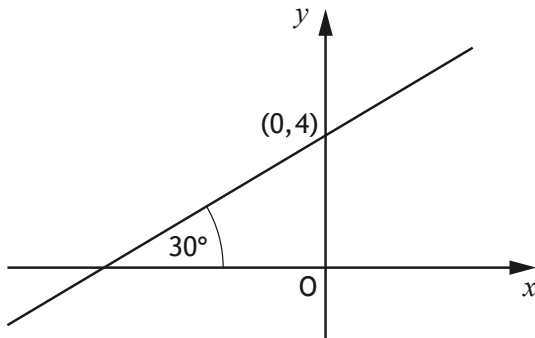**Total marks — 55**

Attempt ALL questions

1. A line passes through the point (0, 4) and makes an angle of 30° with the positive direction of the x-axis as shown in the diagram.

Determine the equation of the line. **3**