

| Question | Answer | Marks | Guidance |
|----------|---|-------------|--|
| 4(i) | Gradient, m , of $AB = 3/4$ | B1 | |
| | Equation of BC is $y - 4 = \frac{-4}{3}(x - 3)$ | M1A1 | Line through (3, 4) with gradient $\frac{-1}{m}$ (M1). (Expect $y = \frac{-4}{3}x + 8$) |
| | $x = 6$ | A1 | Ignore any y coordinate given. |
| | | 4 | |

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| 4(ii) | $(AC)^2 = 7^2 + 1^2 \rightarrow AC = 7.071$ | M1A1 | M mark for $\sqrt{(their6 + / -1) + 1}$. |
| | | 2 | |