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| **Topic 3: Geometry and Trigonometry** | **Trigonometric Ratios, Unit Circle, Triangle Trig** |
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| 1. The following diagram shows . Diagram not to scale.

 A  C B Find . | (6 marks) |
| Mark scheme:**Method 1** Valid approach to find the height of .E.g. and  or Height = 8Correct workingCorrect workingCorrect answer**Method 2**Correct substitution in the Law of Sines and  | (M1)(A1)(A1)(A1)(A1)(A1)(M1)(A1)(A1)(A1)(A1)(A1) |