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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 = 8  Correct working  Correct working  Correct answer  **Method 2**  Correct substitution in the Law of Sines  and | | (M1)  (A1)  (A1)  (A1)  (A1)  (A1)  (M1)(A1)  (A1)(A1)  (A1)  (A1) |