

GCSE MATHEMATICS

PLC PROJECT

INSTRUCTIONS:

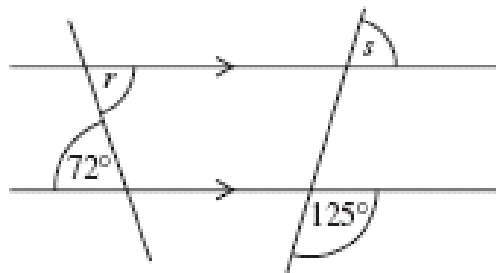
Angles 1

Content:

- Alternate & corresponding angles
- Use and measure bearings

Question 1

(c) Work out the sizes of angles r and s .



Not drawn accurately

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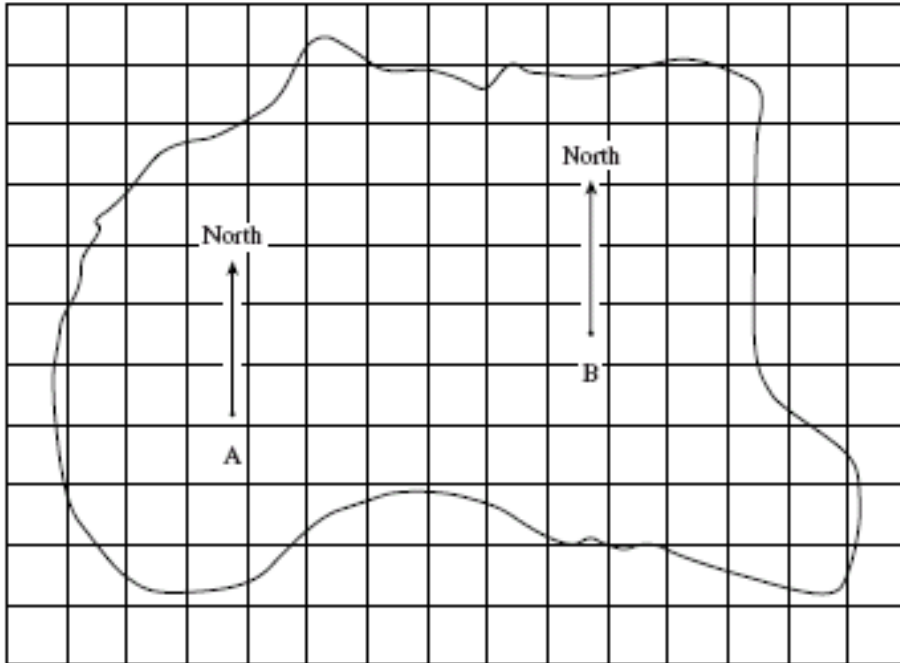
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Answer $r =$ degrees $s =$ degrees (2 marks)

Question 2:

The diagram shows an island with North lines drawn at points A and B.

Scale: 1 cm to 5 km



- (a) Treasure is buried on a bearing of 037° from A and 290° from B.
Mark, with a \times , the position of the treasure.

(3 marks)

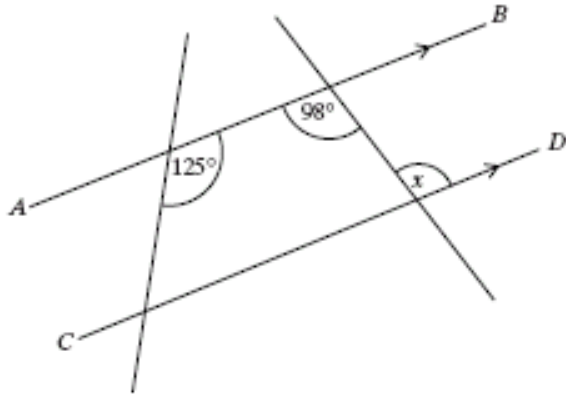
- (b) Find the real distance between the points A and B.

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Answer km *(3 marks)*

Question 3:

The lines AB and CD are parallel.



Not drawn accurately

Work out the value of x .
Give a reason for your answer.

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Answer degrees

Reason
(2 marks)

Total Mark / 10