



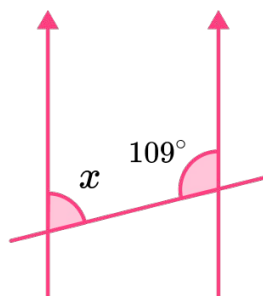
THIRD SPACE
LEARNING

GCSE Exam Questions

Co interior Angles | Geometry &
Measure

GCSE Exam Questions: Co interior Angles

- 1) (a) Work out the size of the angle marked x .



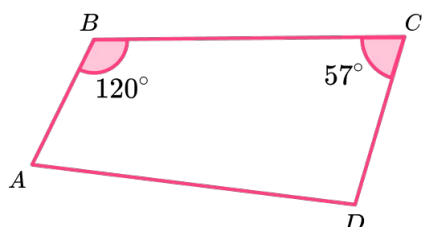
(1)

- (b) Give a reason for your answer.

(1)

(2 marks)

- 2) Below is a quadrilateral.

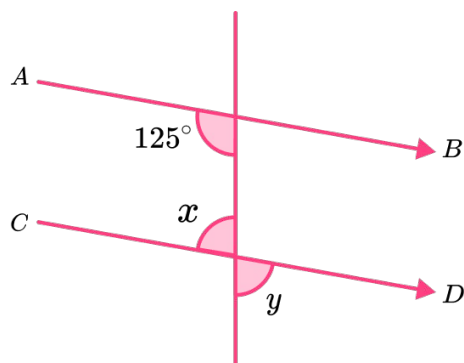


Is AB parallel to CD? Give a reason for your answer.

(2 marks)

GCSE Exam Questions: Co interior Angles

3) (a) AB is parallel to CD.



Work out the size of the angle marked x .

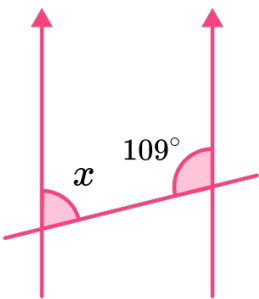
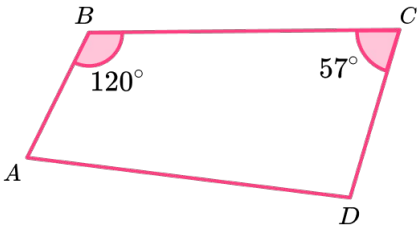
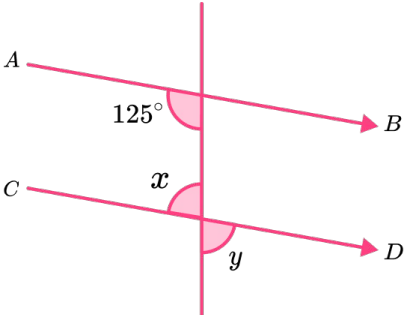
Give a reason for your answer.

(2)

(b) Write down the value of y . Give a reason for your answer.

(2)
(4 marks)

GCSE Exam Questions: Co interior Angles Answers

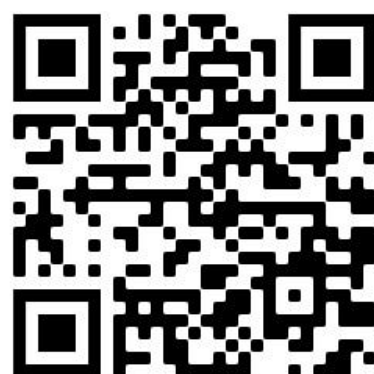
	Question	Answer	Marks
1) (a)	Work out the size of the angle marked x . 	(a) 71°	(1)
(b)	Give a reason for your answer.	(b) Co interior angles add to 180°	(1)
2)	Below is a quadrilateral.  Is AB parallel to CD? Give a reason for your answer.	$120 + 57 = 177$ No and the sum of co-interior angles is not equal to 180° oe	(1) (1)
3) (a)	AB is parallel to CD.  Work out the size of the angle marked x . Give a reason for your answer.	(a) 55° Co interior angles add to 180°	(1) (1)
(b)	Write down the value of y . Give a reason for your answer.	(b) 55° Vertically opposite angles are equal	(1) (1)

Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning [GCSE maths revision](#) pages.

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