



THIRD SPACE
LEARNING

GCSE Exam Questions

Perpendicular Bisectors |
Geometry & Measure

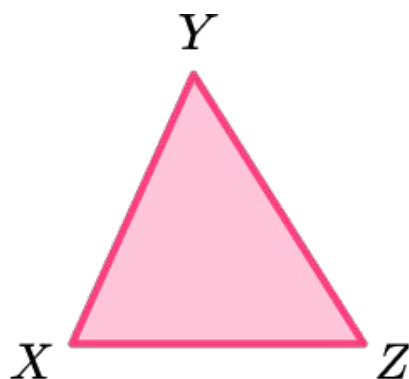
GCSE Exam Questions: Perpendicular Bisectors

- 1) Using a ruler and compass construct a perpendicular bisector for line segment XY .



(2 marks)

- 2) Using a ruler and compass construct a perpendicular bisector for each of the sides of triangle XYZ . Clearly label the point where the bisectors intersect.



(4 marks)


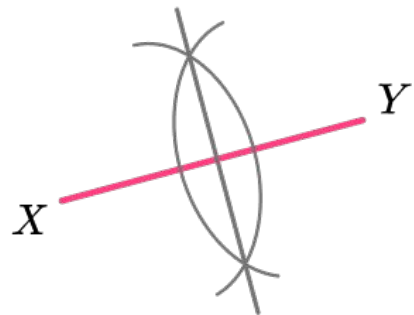
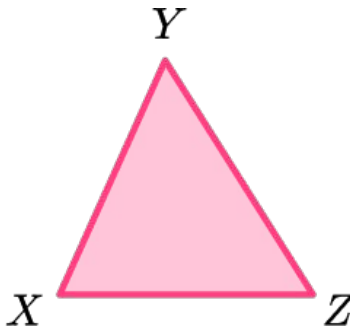
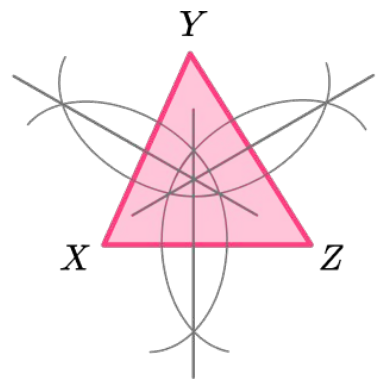

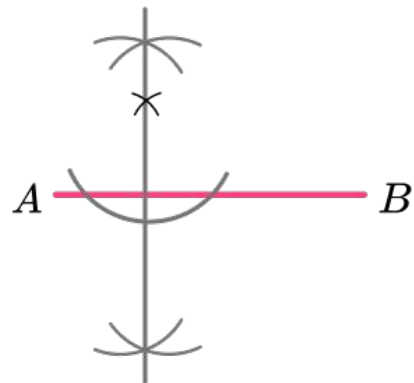
GCSE Exam Questions: Perpendicular Bisectors

- 3) Using a ruler and compass construct a perpendicular from the point to line segment AB.



(3 marks)

GCSE Exam Questions: Perpendicular Bisectors Answers

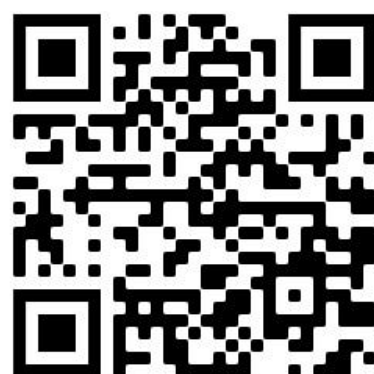
	Question	Answer	Marks
1)	<p>Using a ruler and compass construct a perpendicular bisector for line segment XY.</p> 	 <p>For all construction arcs shown For perpendicular bisector drawn through XY</p>	<p>(1) (1)</p>
2)	<p>Using a ruler and compass construct a perpendicular bisector for each of the sides of triangle XYZ. Clearly label the point where the bisectors intersect.</p> 	 <p>For perpendicular bisector of XZ with construction lines For perpendicular bisector of XY with construction lines For perpendicular bisector of YZ with construction lines For a clear point of intersection</p>	<p>(1) (1) (1) (1)</p>
3)	<p>Using a ruler and compass construct a perpendicular from the point to line segment AB.</p> 	 <p>For arcs drawn from original point For construction arcs for bisector For perpendicular bisector drawn through AB passing through the given point</p>	<p>(1) (1) (1)</p>

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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