

Name: _____



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Construct the perpendicular bisectors of the lines provided (using a pair of compasses):

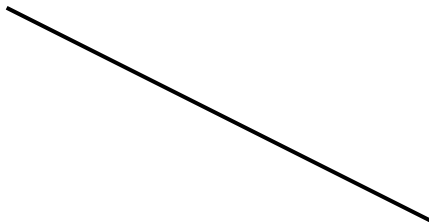
a)



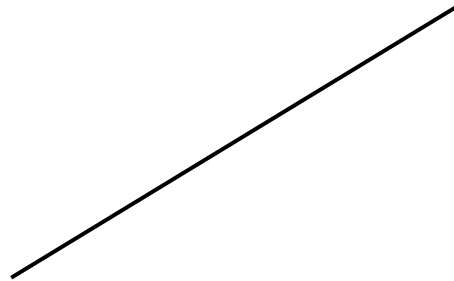
b)



c)



d)



Exam question:

Use ruler and compasses to construct the perpendicular bisector of the line AB.
You **must** show clearly all your construction arcs.



Constructing perpendicular lines through a point

114b

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Construct a perpendicular line through the point marked on the lines (using a pair of compasses):

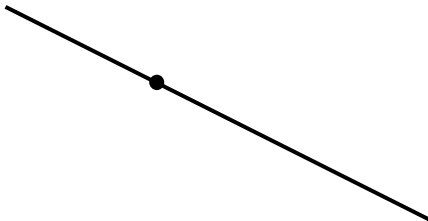
a)



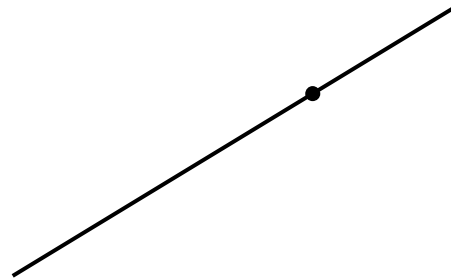
b)



c)

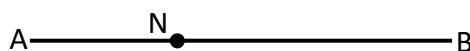


d)



Exam question:

Use a ruler and compasses to construct the perpendicular to the line AB that passes through the point N. You **must** show all construction lines.



Constructing perpendicular lines from a point to a line

114c

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Construct a perpendicular line from the point marked to the lines given (using a pair of compasses):

a)

A horizontal line is drawn. A single point is marked above the line.

b)

A vertical line is drawn. A single point is marked to the right of the line.

c)

A diagonal line sloping downwards from left to right is drawn. A single point is marked to the right of the line.

d)

A diagonal line sloping upwards from left to right is drawn. A single point is marked to the right of the line.

Exam question:

Use a ruler and compasses to construct a perpendicular line from the point marked P to the line AB. You **must** show all construction lines.

