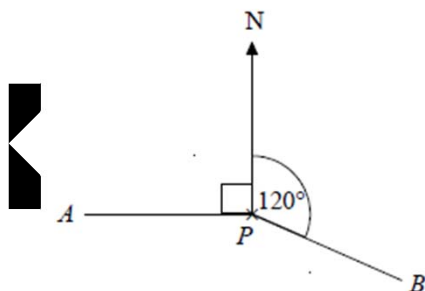


Year 11 Mathematics Learning Journey: Unit 7 - Transformations and Constructions



Step 7: Bearings

Write down the bearing of
a) B from P b) A from P

Step 6: Perpendicular and angle bisectors

Construct a perpendicular bisector to a line.

Step 4: Enlargement

Does enlarging a shape always make it bigger?

Step 5: Construct triangles

Construct an equilateral triangle with sides of length 5cm.

Step 3: Translation

What does the column vector $\begin{pmatrix} -5 \\ 1 \end{pmatrix}$ tell us when translating a shape?

Step 2: Rotation

When rotating by 180° , why do we not need to give a direction?

Step 1: Reflection

Plot the lines $x = 1$ and $y = 3$ on a graph.

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