Year 10 Mathematics Learning Journey: Unit 6 - Angles and Bearings



Step 8 (H): Sine and **Cosine Rules**

What is the minimum amount of information required to use the sine/cosine rule?



Step 7: Bearings and right-angled geometry

A ship sails for 80km on a bearing of 0650. Calculate how far east the ship has travelled.



Step 6: Bearings with angle rules

The bearing of G from H is 110^o. Draw a diagram to help you find the bearing of H from G.



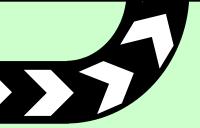
Step 4: Measure and read bearings

Is the bearing of A from B the same as the bearing of B from A?



Step 5: Scale drawings using bearings

Why is a scale represented as a ratio?



Step 3: Understand and represent bearings

Is it possible to have a bearing of 400°?

Step 2 (R): Draw / Interpret scale diagrams

Which is more detailed, a 1:25 000 map or a 1:50 000 map?



Step 1 (R): Angles and compass points

What does due East mean?





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COLLEGE