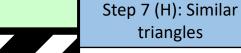
Year 9 Mathematics Learning Journey: Unit 13 - Enlargement and Similarity

Step 8 (H): Explore ratios in right-angled triangles

Explain why all rightangled triangles with an angle of 30° are similar.



Are similar triangles always in the same orientation?

Step 6: Calculations in similar shapes

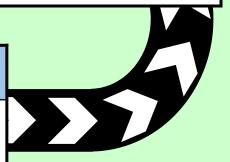
How do you identify the corresponding sides and angles in a pair of similar shapes?

Step 4: Positive fractional scale factor

Does enlargement always mean make a shape larger?

Step 5 (H): Negative scale factor

Which scale factor produces a larger shape: -2 or ½?



Step 3: Enlarge a shape from a point

Can the image be anywhere on the grid? Step 2: Positive integer scale factors

How do you enlarge a shape that has no horizontal or vertical sides?

Step 1: Recognise enlargement and similarity

How can you show if one shape is an enlargement of another or not?









COLLEGE