

Mathematics - Shape, position and movement
Fourth Level MTH 4-16a

I have explored the relationships that exist between the sides, or sides and angles, in right-angled triangles and can select and use an appropriate strategy to solve related problems, interpreting my answer for the context.

Mathematics - Shape, position and movement
Fourth Level MTH 4-16b

Having investigated the relationships between the radius, diameter, circumference and area of a circle, I can apply my knowledge to solve related problems.

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Fourth Level MTH 4-17a

Having investigated the relationship between a radius and a tangent and explored the size of the angle in a semi-circle, I can use the facts I have established to solve related problems.

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Fourth Level MTH 4-17b

I can apply my understanding of the properties of similar figures to solve problems involving length and area.

Mathematics - Shape, position and movement
Fourth Level MTH 4-18a

I can plot and describe the position of a point on a 4-quadrant coordinate grid.

Mathematics - Shape, position and movement
Fourth Level MTH 4-18b

I can apply my understanding of the 4-quadrant coordinate system to move, and describe the transformation of, a point or shape on a grid.

Mathematics - Shape, position and movement
Fourth Level MTH 4-19a

Having investigated patterns in the environment, I can use appropriate mathematical vocabulary to discuss the rotational properties of shapes, pictures and patterns and can apply my understanding when completing or creating designs.