

Monday 30<sup>th</sup> March 2020

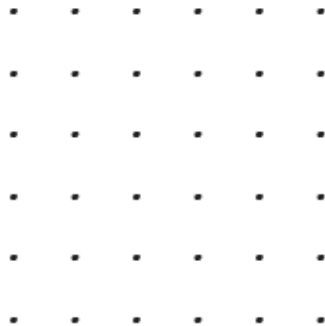
I can revise the properties of shape

Read through the properties of shape PDF.

Answer the questions below using the text boxes and submit it for marking. See if you can copy and paste drawings onto the page where needed.

1. Use the dots to draw quadrilateral with one right angle.

Can you drop an image in for this? It doesn't have to have dots, just be the right shape.



Drop image here

1 mark



2. A bicycle wheel has a radius of 0.64m. What is the diameter of the bicycle wheel?

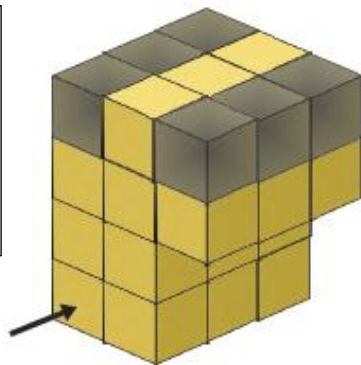
metres

1 mark



3. I make this cube model. I take the black cubes away. Draw the front elevation of the new model on the grid.

Can you draw what it should look like in your study book, photograph it and copy it to this page?



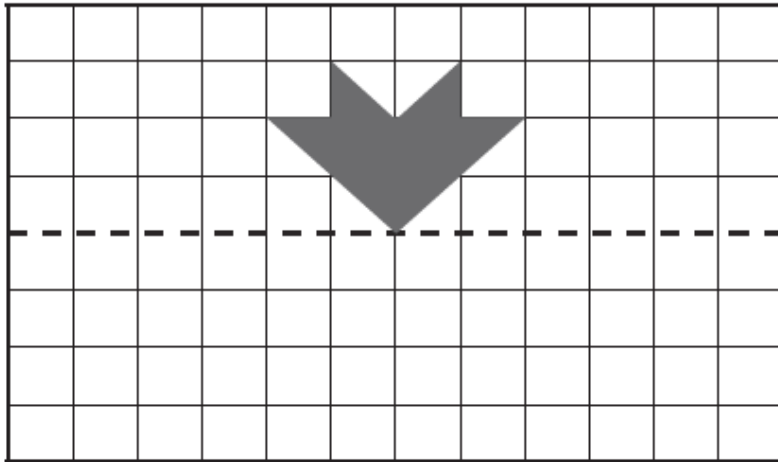
1 mark



total for this page

4. Use a ruler to draw the reflection of the shape in the mirror line.

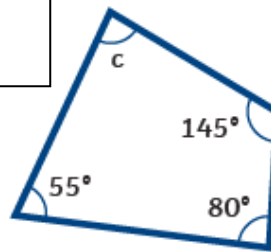
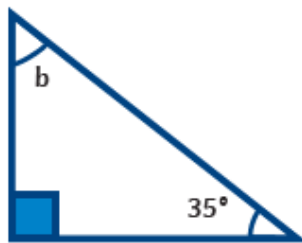
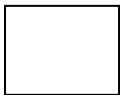
Can you draw what it should look like in your study book, photograph it and copy it to this page?



1 mark






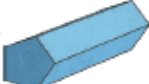
5. Calculate the missing angles in these 2D shapes.



2 marks



6. Complete this table describing the properties of 3D shapes.

	Number of Faces	Number of Edges	Number of Vertices	2D Shape Faces
Triangular Prism 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cube 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Octahedron 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pentagonal Prism 	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

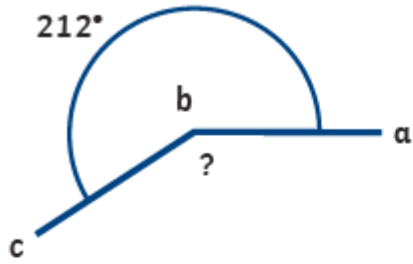
2 marks



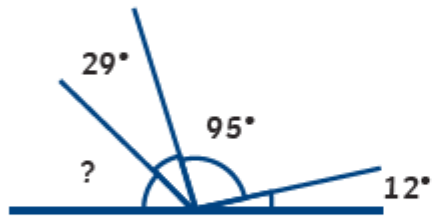
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7. Calculate the missing angles in these diagrams.

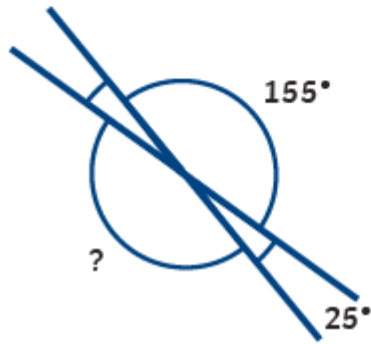
4 marks  
😊😊😊😊



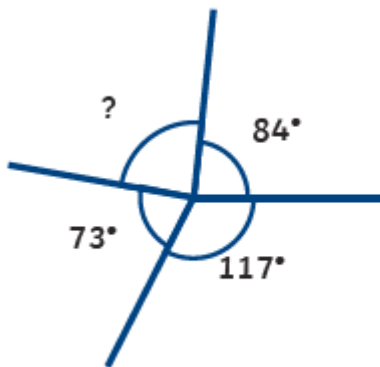
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