Geometry

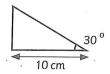






You will need a pencil, ruler, protractor and set square.

Draw this triangle to scale.



One line is drawn for you.



10 cm

Can you draw a rectangle with sides 45 mm and 85 mm in the space below?

Try to draw a hexagon with these measurements.



One line is drawn for you.

Not again!



3 cm

I can draw some 2D shapes.

I'm confident

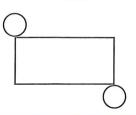


I'm nearly there



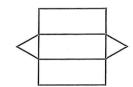
What 3D shape can you build using this net?

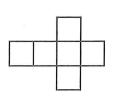
Answer: A cylinder



1 Can you spot which 3D shapes these nets are for?





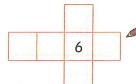


2 Jon wanted to make his own dice for a board game.





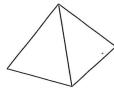
Can you write the numbers in their correct places on this net?



I'm confident

Hint: Opposite sides always add up to 7.

3



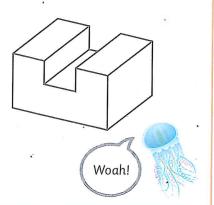
Look at this square based pyramid.

Can you draw a net for it?



4 Try to draw a net for this 3D shape.

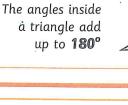
Hint: You can copy it on to a piece of paper, cut it out and try it if you want to!



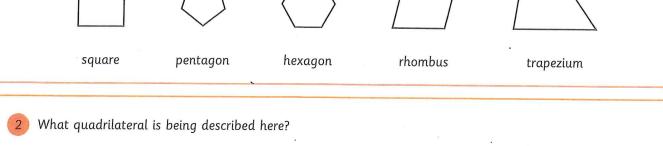
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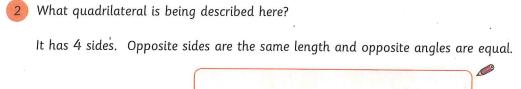
I'm nearly there

Properties of shapes The angles inside Remember: a quadrilateral add up to 360° Which of these shapes have at least 2 pairs of parallel sides? Circle your answers. square pentagon What quadrilateral is being described here?

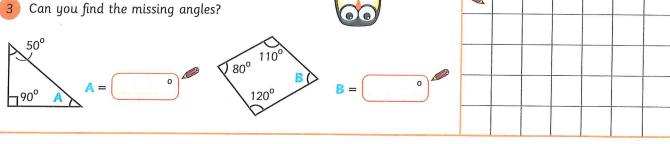


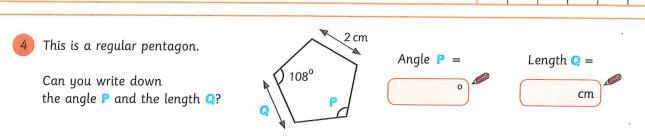


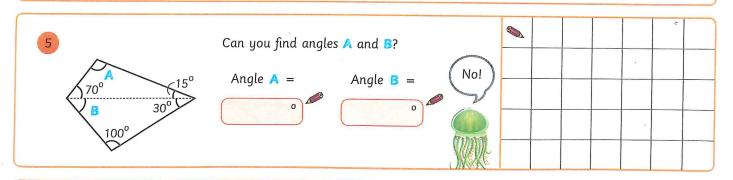








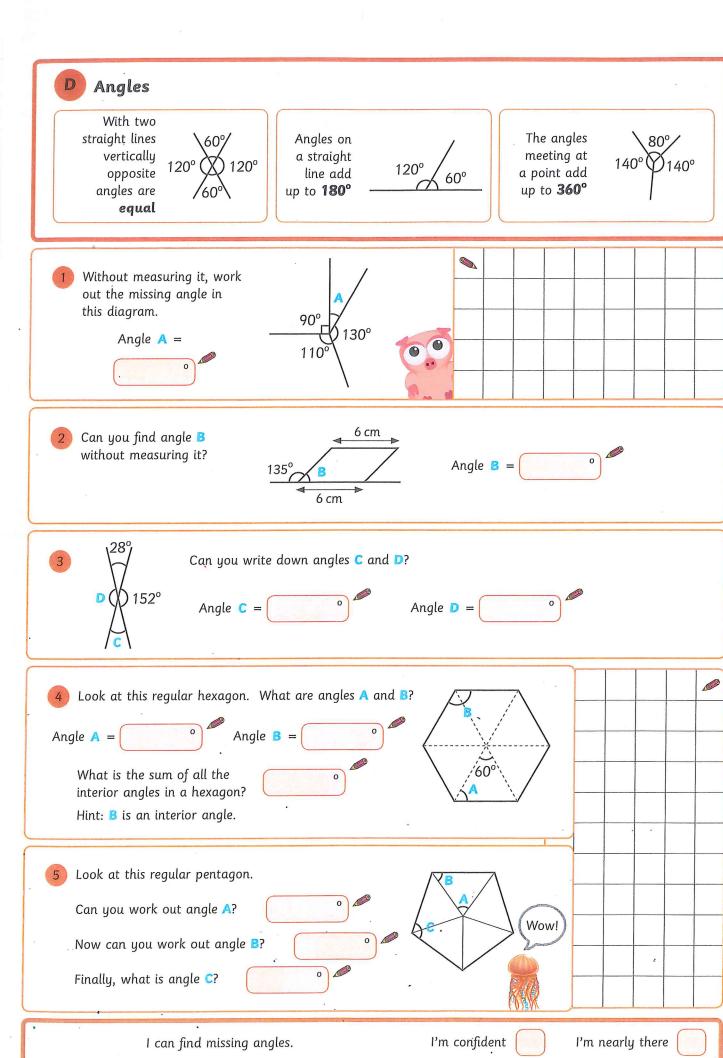




I know some properties of shapes.

I'm confident

I'm nearly there



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