

2 MODEL MAKING

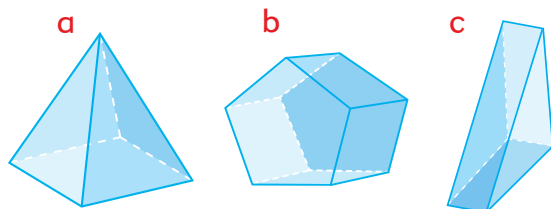
- 1 Use the equipment to make as many 3-D shapes as possible that have one or more of these.



- toothpicks
- straws
- pipe cleaners or similar
- blu-tac
- play dough
- plasticine or similar

- a** 6 corners (vertices)
- b** 8 faces
- c** 8 edges
- d** every corner a right angle
- e** no right-angled corners

- 2 Make these 3-D shapes.



How many faces, edges and vertices does each have?

- 3 Try to make shapes that have these properties.

- a** 5 faces, 5 vertices and 8 edges
- b** 5 faces, 6 vertices and 9 edges

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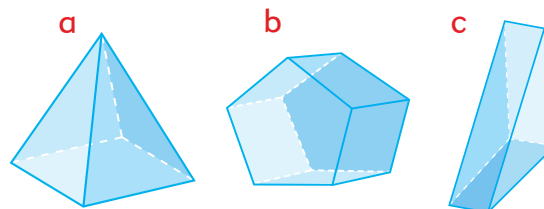
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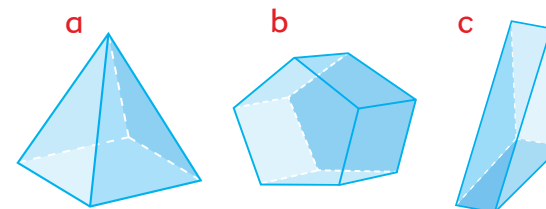
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