Practice worksheet | 3D shapes and nets

Constructing objects

Name: _____ Date: _____

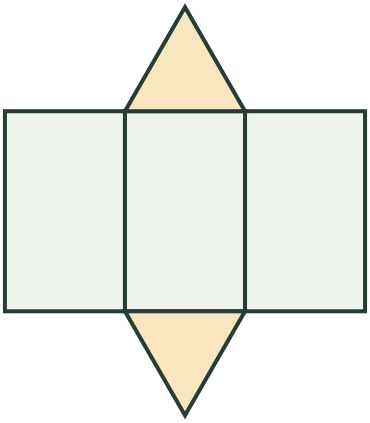
6 questions | 14 marks

1. Draw a valid cube net with square edges 2 cm long. Label each face. [3 marks]

2. Find the total face area of a cube whose edges are 3 cm. [2 marks]

3. A box measures 5 cm by 3 cm by 2 cm. List all six face sizes. [3 marks]

4. A triangular prism has equilateral triangular ends of side 3 cm and length 5 cm. What rectangular side panels are needed? [2 marks]



5. Explain why a 4 cm edge should not be joined to a 3 cm edge without cutting or changing the model. [2 marks]

6. Draw one joining tab on a cube-net sketch and explain whether it counts as a seventh face. [2 marks]