Practice worksheet | 3D shapes and nets

Explaining spatial relationships

Name: _____ Date: _____

6 questions | 10 marks

1. State the faces, edges and vertices of a cube. [3 marks]

2. A square pyramid has four base edges and four edges from the base corners to the apex. How many edges? [1 mark]

3. A triangular prism has two triangular ends. Count its vertices. [1 mark]

4. A solid has five faces: two triangles and three rectangles. Name it. [1 mark]

5. Can a cube and a rectangular prism have the same face, edge and vertex counts? Explain. [2 marks]

6. In the labelled cube net, will faces B and D touch along an edge after folding? Explain. [2 marks]

