Practice worksheet | Shapes, angles and symmetry

Reflection/rotational symmetry

Name: _____ Date: _____

6 questions | 8 marks

1. How many reflection lines does a plain square have? [1 mark]

2. How many reflection lines does a plain non-square rectangle have? [1 mark]

3. What is the smallest matching turn for a plain non-square rectangle? [1 mark]

4. What is the smallest matching turn for a plain square? [1 mark]

5. A square has a single dot near one corner. Must the decorated design keep every symmetry of the plain square? [2 marks]

6. Explain one difference between reflection symmetry and rotational symmetry. [2 marks]