3D Shapes and Nets

Name: _____ Date: _____

Part A: Identify the 3D Shape

Write the name of each three-dimensional shape described below.

1. A shape with 6 square faces, 12 edges, and 8 vertices. _____
2. A shape with 2 circular faces and 1 curved surface. _____
3. A shape with 1 circular base and 1 curved surface meeting at a point. _____
4. A shape with 2 triangular faces and 3 rectangular faces. _____
5. A shape with 1 square base and 4 triangular faces. _____

Part B: Properties of 3D Shapes

Complete the table below.

3D Shape	Faces	Edges	Vertices
Cube	_____	_____	_____
Rectangular Prism	_____	_____	_____
Square Pyramid	_____	_____	_____
Triangular Prism	_____	_____	_____

Part C: Matching Nets

Which 3D shape would each net fold into? Write your answer on the line.

1. A net with 6 connected squares arranged in a cross pattern. _____
2. A net with 1 square and 4 triangles connected around it. _____
3. A net with 2 triangles and 3 rectangles. _____
4. A net with 2 circles and 1 rectangle. _____

Part D: True or False

1. A cube is a special type of rectangular prism. _____
2. All faces of a pyramid must be triangles. _____
3. A cylinder has no vertices. _____

4. A net is a 2D pattern that can be folded to make a 3D shape. _____