	Nets
A. Choose the correct answer:	
1. A net is	
a) a 3D object	b) a shadow of a solid
c) a 2D figure that can be fold	led into a 3D shape d) always a triangle
2. How many faces are there in	the net of a cube?
a) 4	b) 5
c) 6	d) 8
3. Which solid shape has a net	with 1 circle and 1 curved rectangle?
a) Sphere	b) Cone
c) Cylinder	d) Cube
4. A net of a pyramid includes	
a) only triangular faces	b) triangles and a base shape
c) only square faces	d) circles
5. Which of these shapes cannot 1 square?	ot be formed by folding a net with 4 triangles and
a) Square pyramid	b) Cube
c) Triangular prism	d) None of these
B. Write the Missing Terms to C	complete the Sentences:
1. A is a pattern that	at can be folded to make a solid shape.
2. A cube has squa	re faces in its net.
3. A net helps us understand the	e structure of a solid shape.
4. A net of a cylinder has	circular faces and one face.
5. When folded correctly, a net	forms a dimensional object.
C. Mark each sentence with a T	rue (✔) or False (X):
1. A net of a cube has 8 square	faces.
2. A cylinder's net includes 2 cir	cles and a rectangle.

- 3. Every net can be folded into a solid.
- 4. A cube has only one possible net.
- 5. A cone's net includes one circular face and one curved face.

D. Figure out the answers to these questions:

- 1. Draw a net of a cube and label all six faces.
- 2. Identify which 3D shape can be formed from a net with 2 circles and 1 rectangle.
- 3. Write two differences between a net and a solid shape.
- 4. Can a net with 1 square and 4 triangles form a cube? Why or why not?
- 5. Design a net that can be folded into a triangular prism and explain its parts.

E. Challenge yourself with these questions:

- 1. Find how many different nets a cube can have.
- 2. Draw the net of a square-based pyramid and label all its faces.
- 3. Observe and identify the solid formed by a net with 6 rectangles.
- 4. Explain how nets help in understanding surface area.
- 5. Create a real-life example where using nets helps in packaging or construction.

F. Which of the following is the net of a cube?

