Going on a Figure Hunt
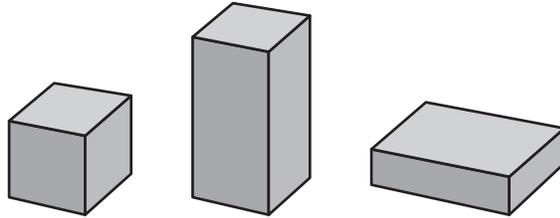
I.

rectangular prisms
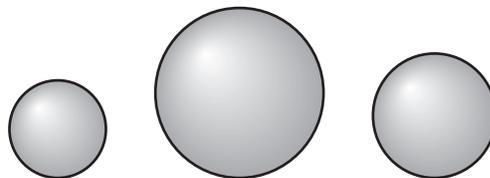
2.
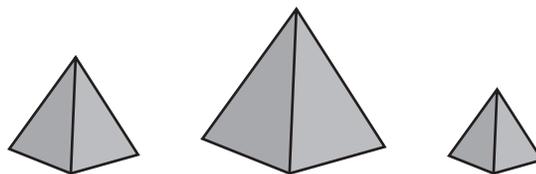
cylinders

3.

cones

4.

spheres

5.

pyramids

Remember Polygons?
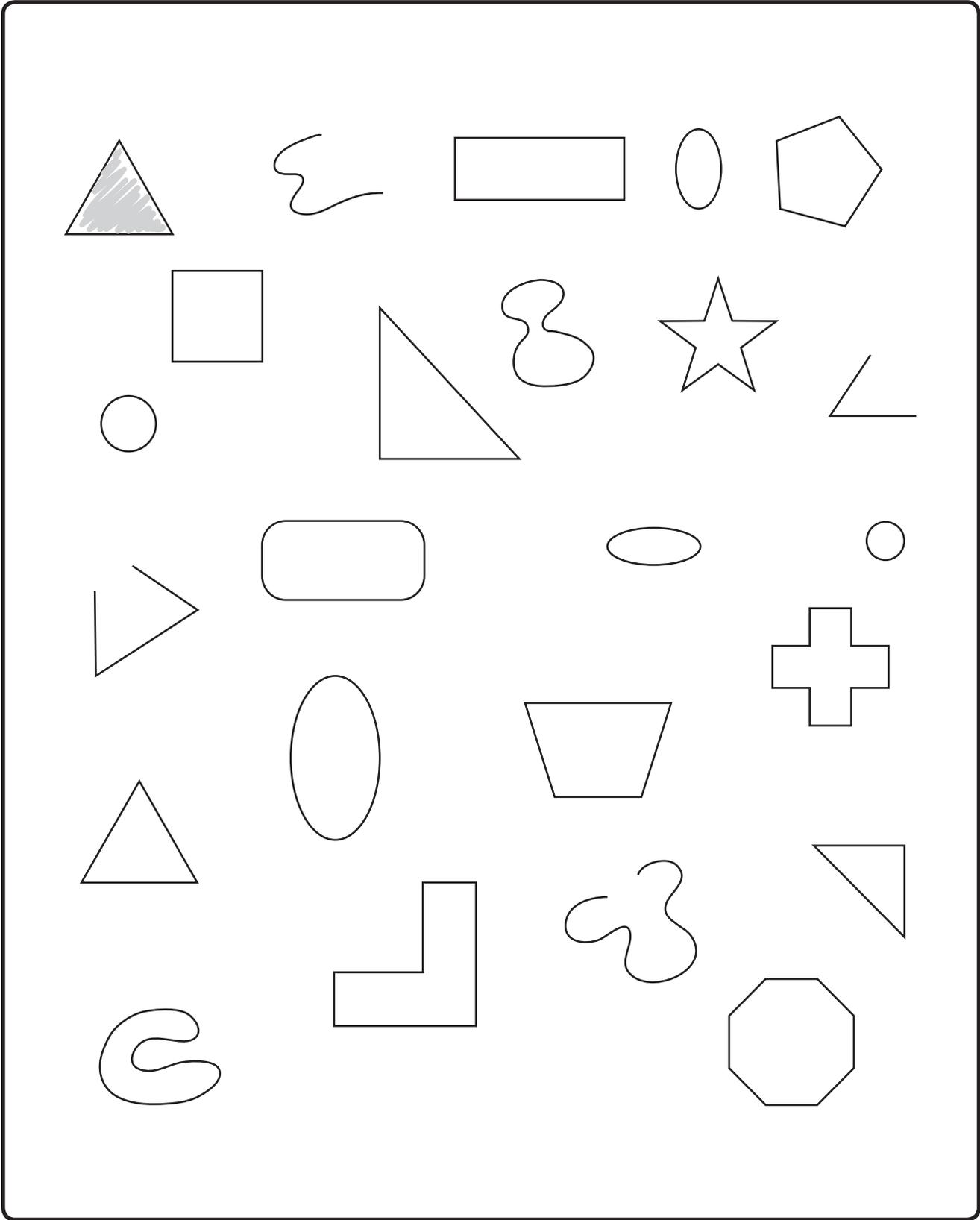
How Many Faces?
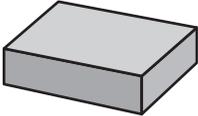
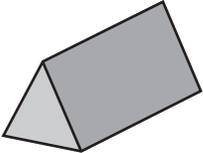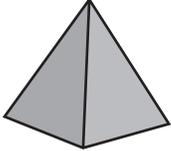| Three-Dimensional Figure	Number of Faces
rectangular prism	
cube	
triangular prism	
square pyramid	
triangular pyramid	
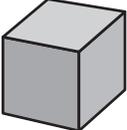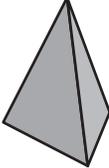
Rectangular Prism
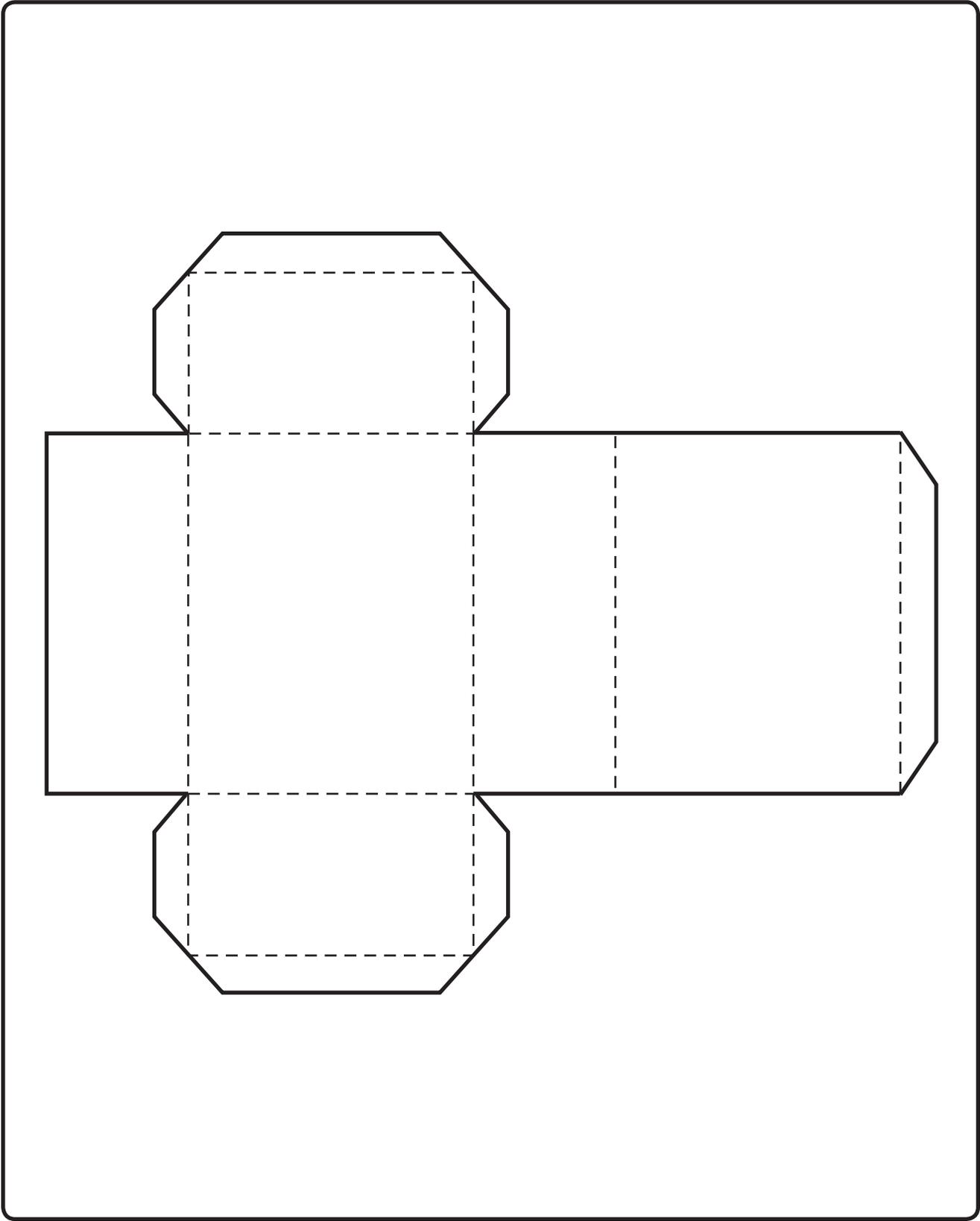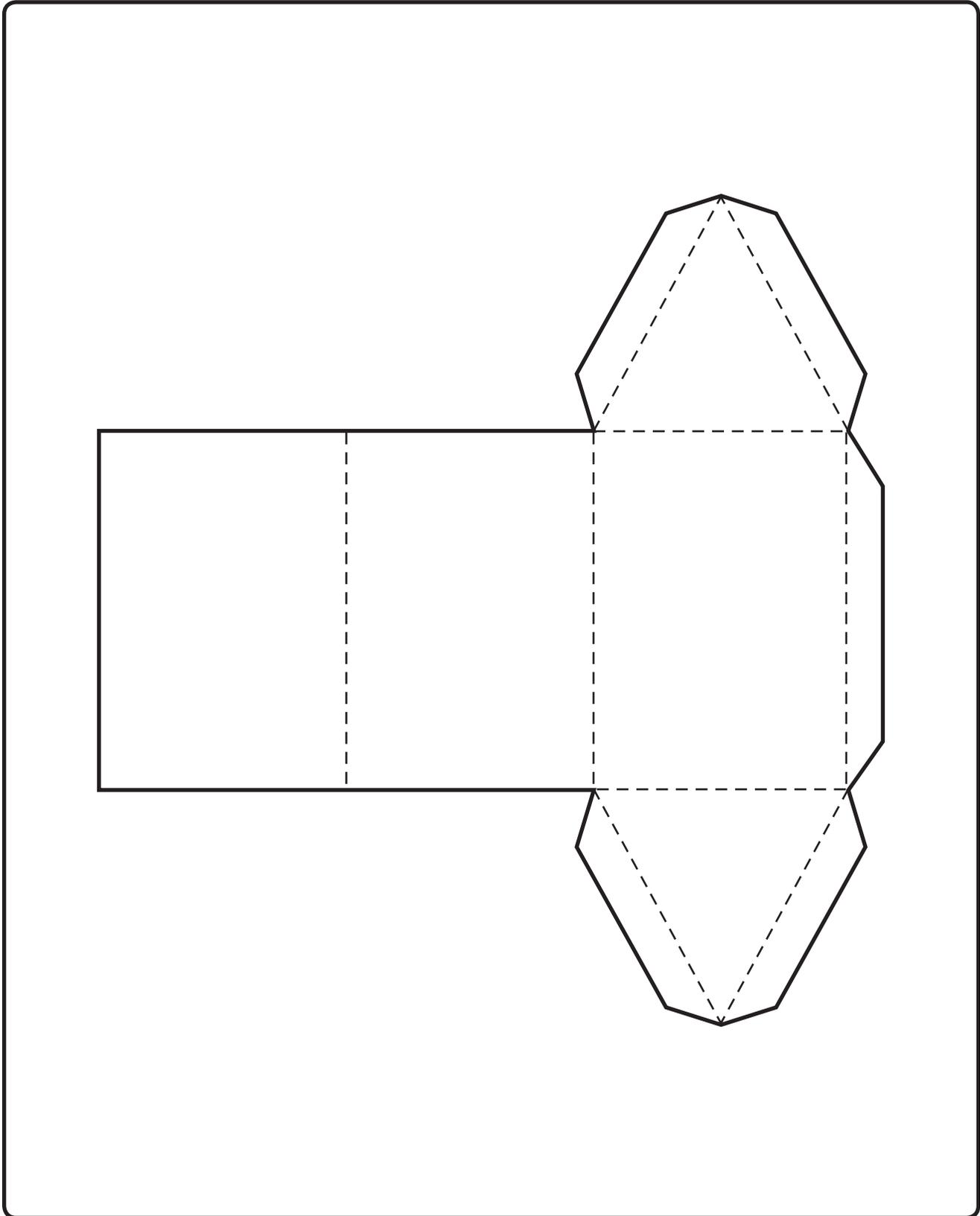
Triangular Prism

Square Pyramid

Cube

Triangular Pyramid
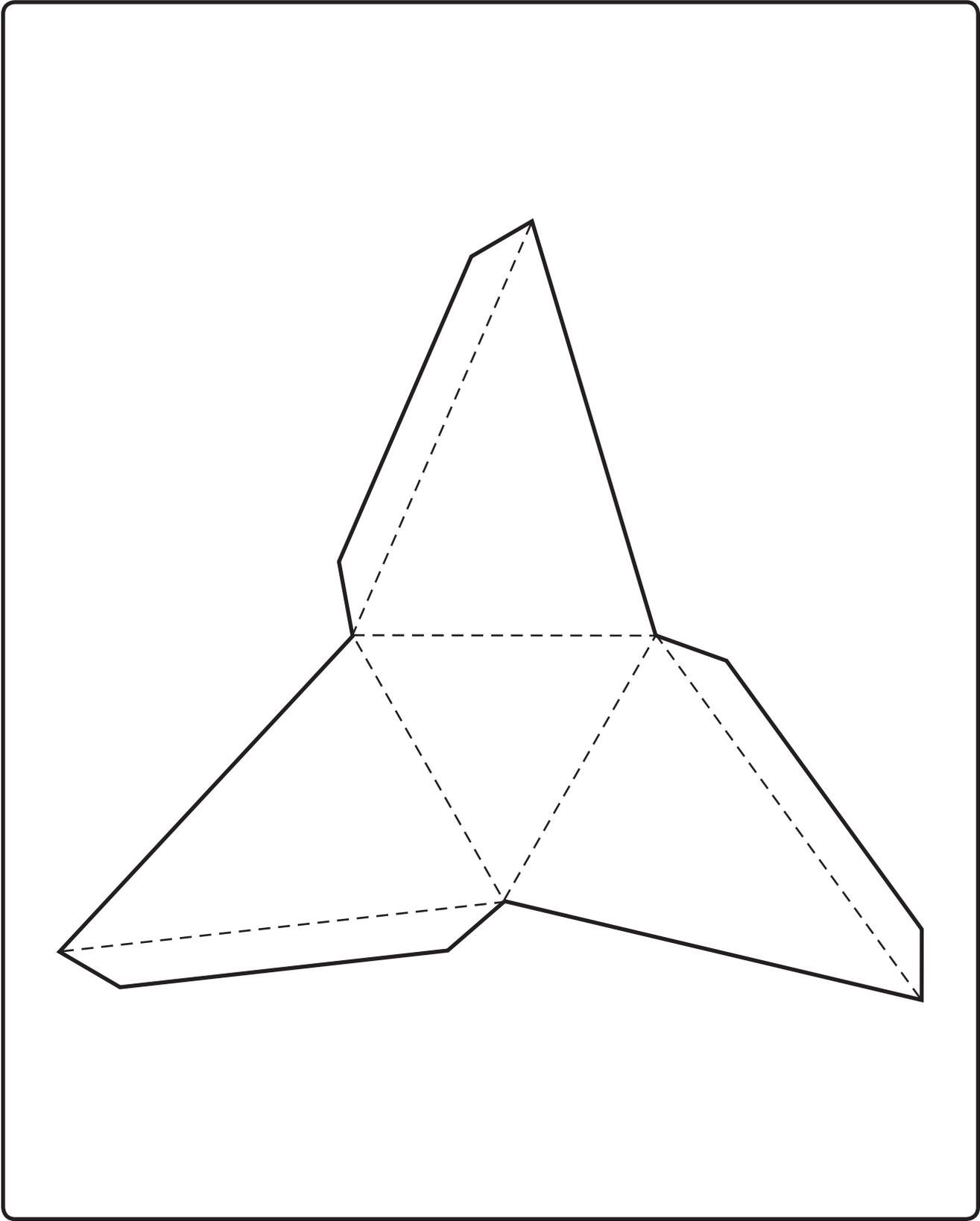
How Many Edges?
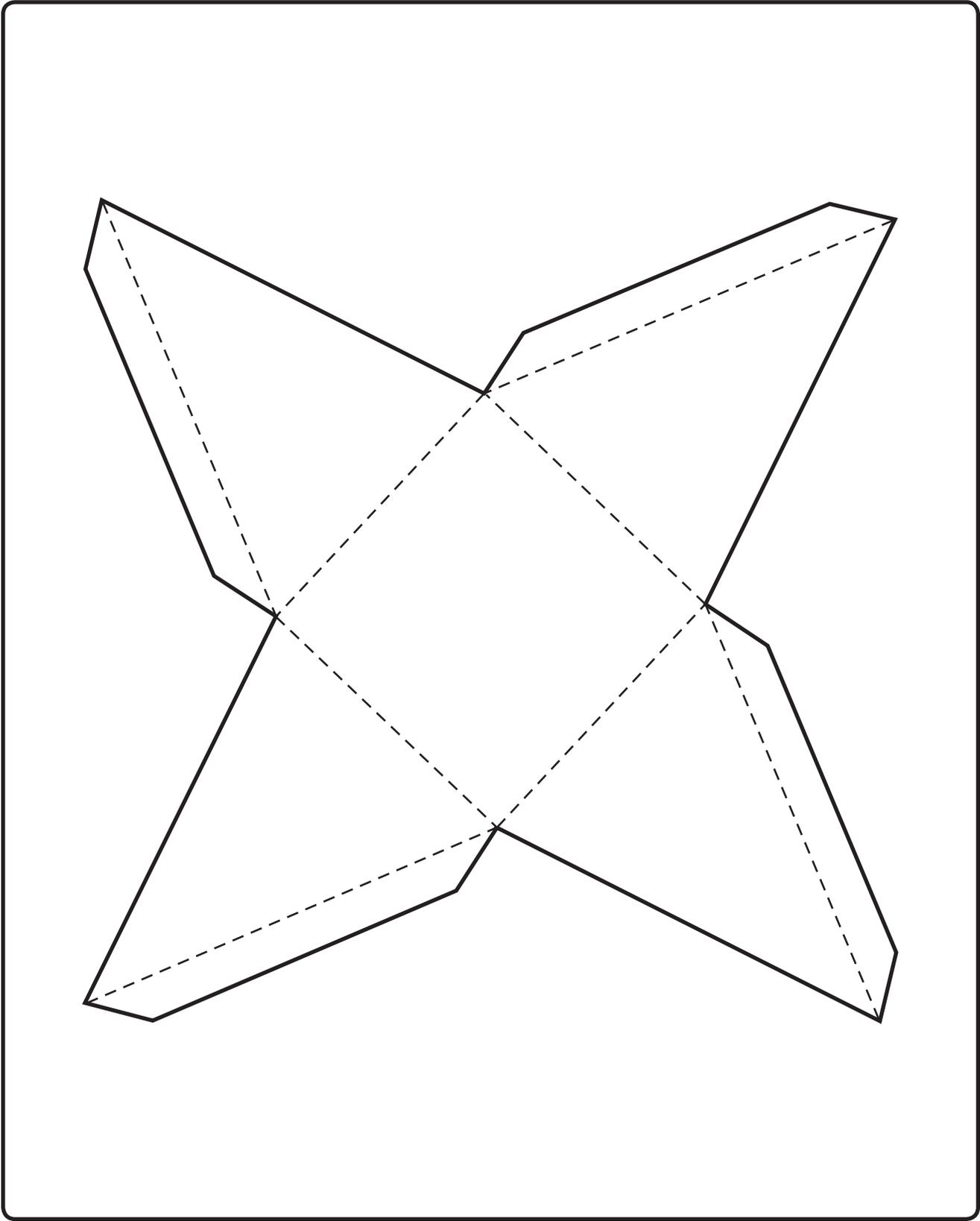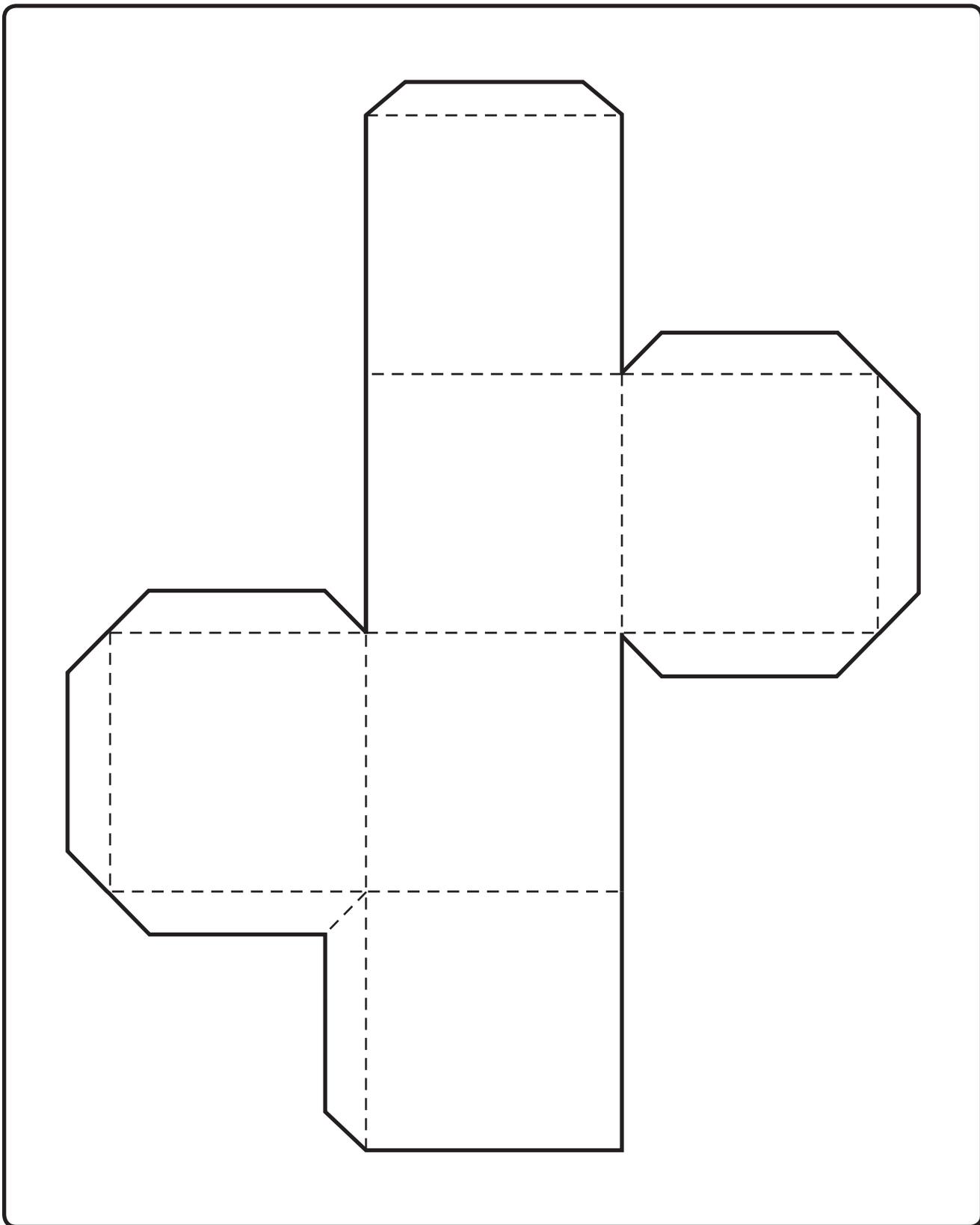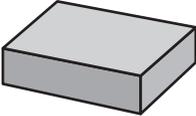
Three-Dimensional Figure	Number of Faces	Number of Edges
rectangular prism	6	
cube	6	
triangular prism	5	
square pyramid	5	
triangular pyramid	4	
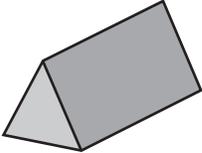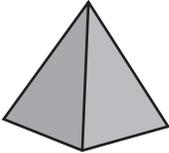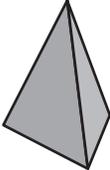
How Many Vertices?

Three-Dimensional Figure	Number of Faces	Number of Edges	Number of Vertices
rectangular prism	6	12	
cube	6	12	
triangular prism	5	9	
square pyramid	5	8	
triangular pyramid	4	6	
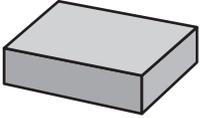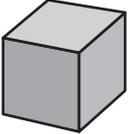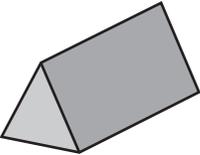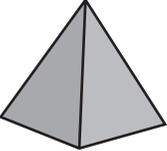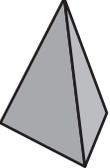
Four in a Row

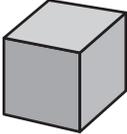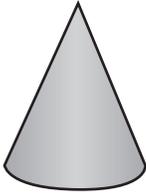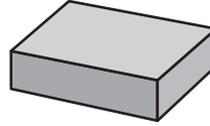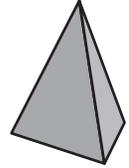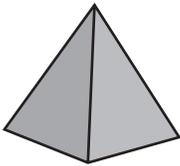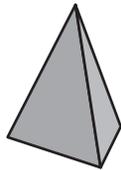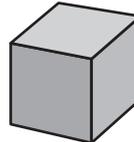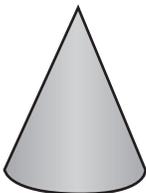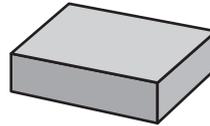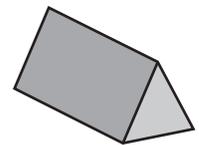|			
cone	cylinder	rectangular prism	triangular pyramid
square pyramid	triangular pyramid	cube	sphere
cone	cylinder	rectangular prism	triangular prism
square pyramid	triangular pyramid	cube	sphere

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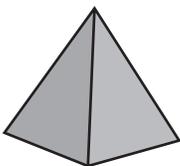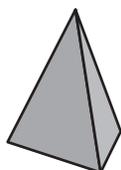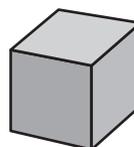
Clue Cards I

1 vertex	1 square face	1 or more square faces
1 circular face	2 circular faces	6 faces
5 faces	4 faces	4 vertices
12 edges	8 vertices	6 vertices

Clue Cards II

5 vertices	rolls	6 edges
8 edges	9 edges	0 edges
I or more rectangular faces	I or more triangular faces	makes a circle footprint
makes a square footprint	makes a rectangle footprint	makes a triangle footprint