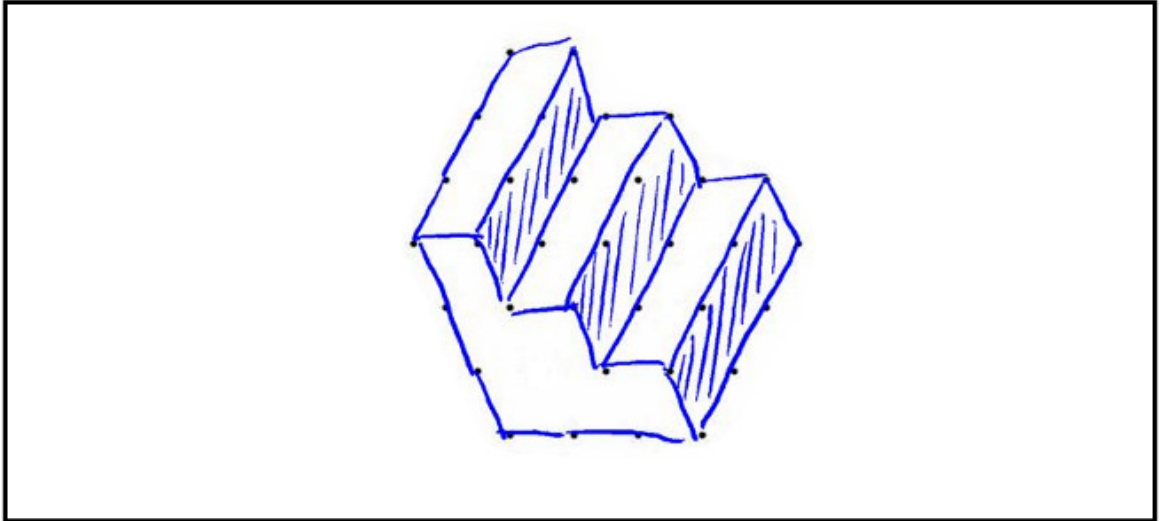


Nets & Patterns

Sketch a 3D drawing:



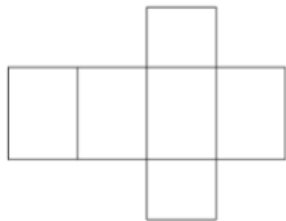
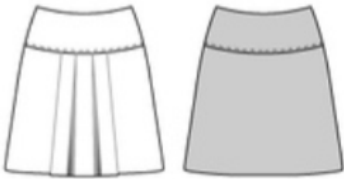
Compare your drawing with those of the people around you.

a. How are they similar?

all show stairs

b. How many different ways can the object be represented?

3D, side views, nets, etc.

NET	PATTERN
<p>A two-dimensional diagram that can be cut out and folded to form a three-dimensional object. For example, a net of a rectangular prism.</p>	<p>A two-dimensional diagram of a three-dimensional object which is split up into individual shapes. For example, a pattern for a basic skirt.</p>
	

MBF 3C1

Name: _____

Example 1

For each of the following nets, what 3-D object would it create? Sketch the figure in 3D.

<p>cylinder</p>	<p>square based pyramid</p>

Example 2

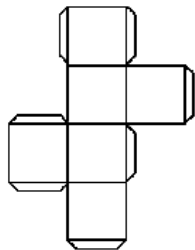
There are 11 possible nets for a 3D cube. In the space below, try to draw as many of the 11 nets as possible.

not just any orientation, can't have overlap when folded.

Patterns often have to account for seams, or flaps, that allow for the separate pieces to be attached together.

Example 3

Is the diagram a net or pattern? Explain your answer.



pattern, has flaps for gluing