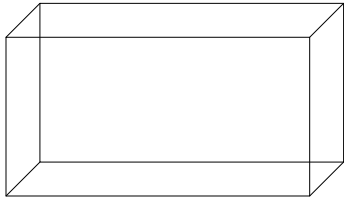


Date: _____

KEY

5.2 Nets of 3 Dimensional Objects



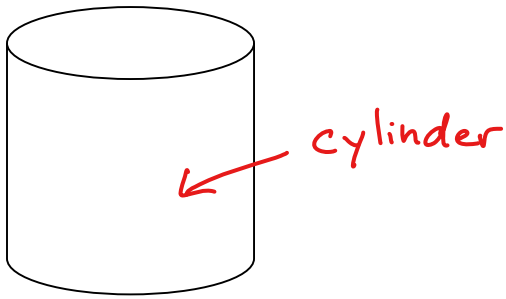
The shape at left is called a rectangular prism.

If you were to cut along its edges, how many ~~sides~~ ^{faces} would u have? **6** \Rightarrow **2 bases**
4 lateral faces

Draw some different shapes can you make by unfolding along the edges and laying it flat:

The grid contains three hand-drawn nets of a rectangular prism in red ink. The first net is a 1-4-1 configuration (one square on top, four in the middle, one on the bottom). The second net is a 2-3-1 configuration (two squares on top, three in the middle, one on the bottom). The third net is a 3-2-1 configuration (three squares on top, two in the middle, one on the bottom). The word "etc." is circled in red in the middle of the grid.

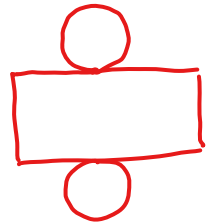
Imagine a soup can. If you were to make a net for a soup can, what shapes would you include? circles and ... (?) a rectangle.



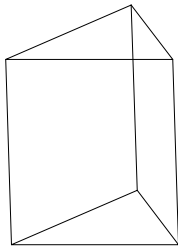
2 bases
1 lateral
face

(*)
(1) imagine cutting around the edges and peeling the circles away.

(2) Then cut straight down the cylinder & "peel" it open



This shape is called a triangular prism.



What might a net for this shape look like?

2 bases
3 lateral faces

