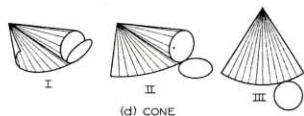
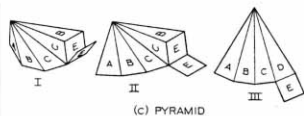
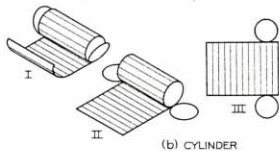
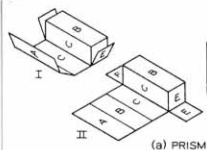
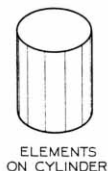


The *development* of an object is that object's surface laid out on a plane. Imagine a cereal box unfolded. The development is also called the *pattern* or the *stretchout*. The developments of four common solids are shown below.



Finally, an *element* is an imaginary straight line on an object's surface. As mentioned before, parallel-line developments consist of parallel elements, while radial-line patterns are made up of radiating elements.



Calculating the Development of a Cone

Below is a right circular cone (a) with the top and front views at (b). When developed, the pattern will have a pie shape (d).

