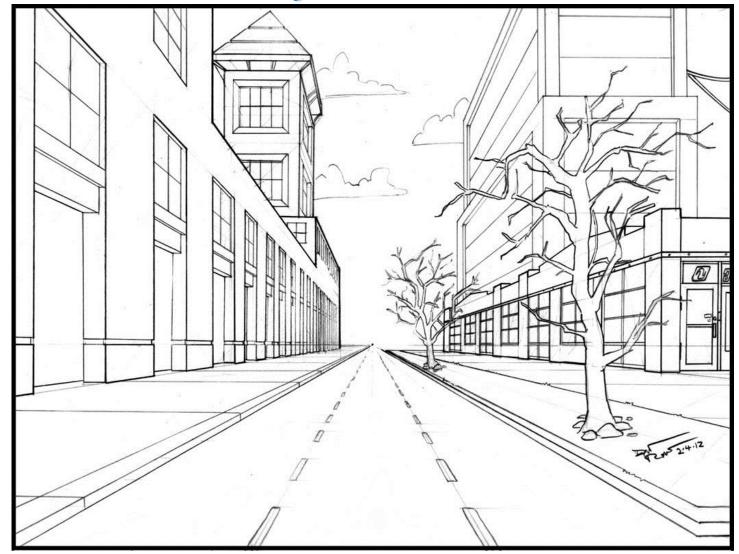
Unit 5.1: Space and volume



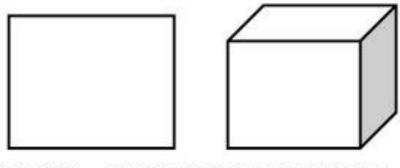
Form or Volume.

What is a form? Do you remember what a geometric shape is? Name me some.

Form is an element of art. At its most basic, a form is a three-dimensional geometrical figure (i.e.: sphere, cube, cylinder, cone, etc.), as opposed to a shape, which is two-dimensional, or flat.

A form always has three dimensions; length, width and height. When you stand next to an object you can go round it and see the three dimensions.

Volume (three-dimensionality) can be simulated in a two-dimensional work (like a drawing) thanks to the use of light and shadows, perspective, etc.



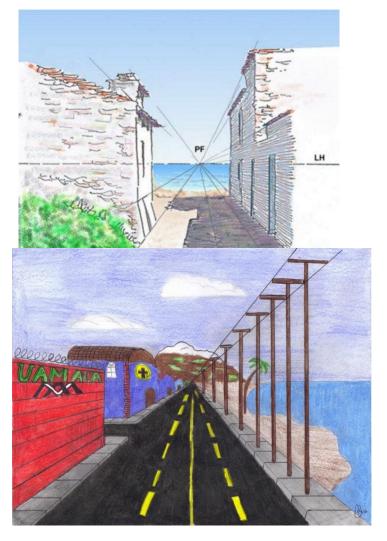
VOLUME = A SHAPE IN THREE DIMENSIONS

1. Ways to create the illusion of space.

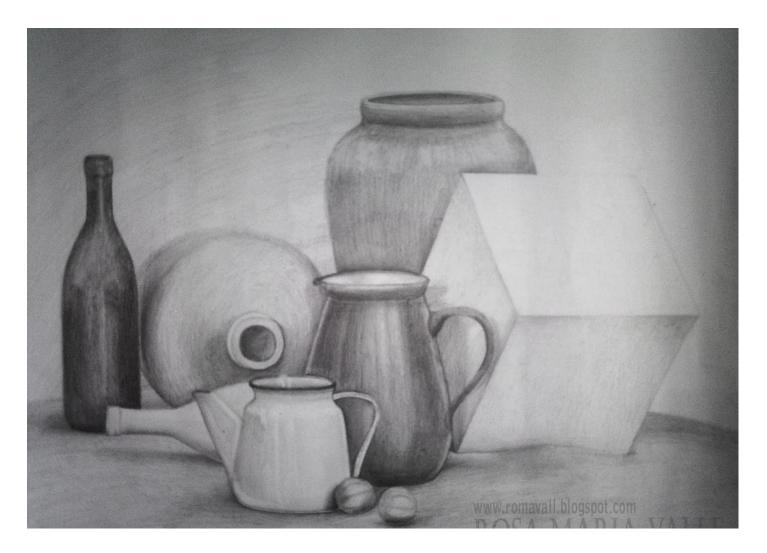
1. Linear perspective



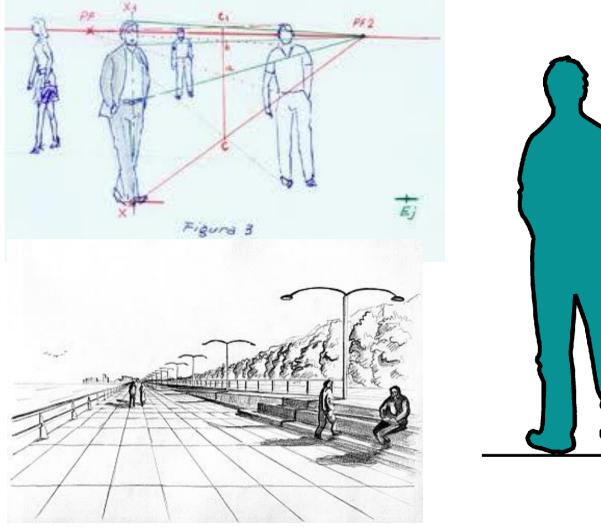




2. Overlapping

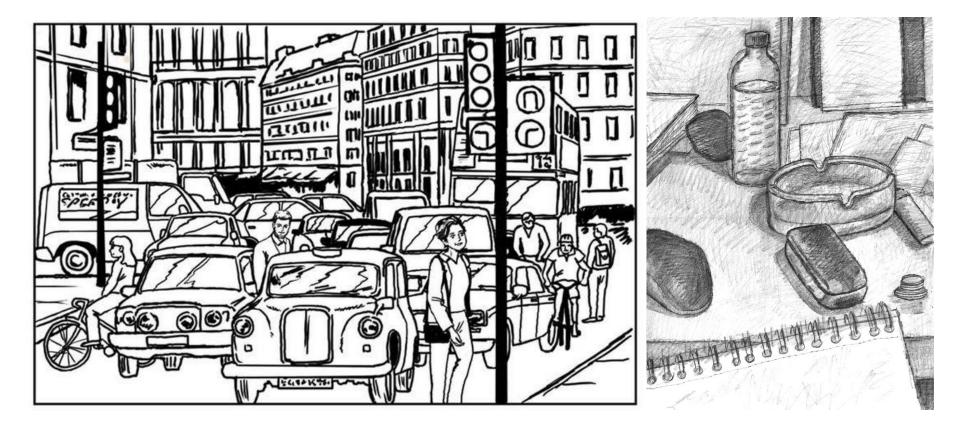


3. Size.



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4. Placement.



5. Value and colour.

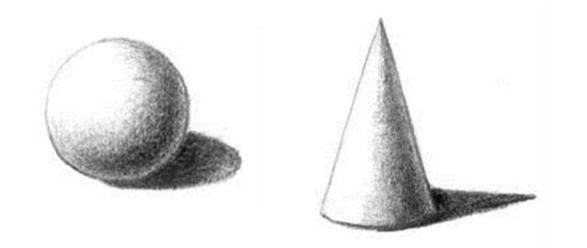


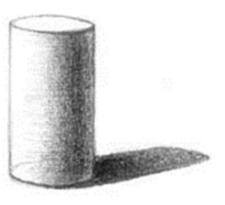
6. Detail



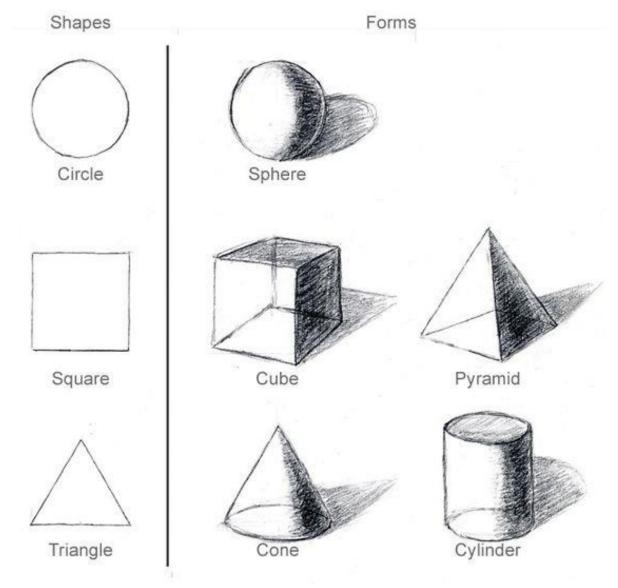
2. Chiaroscuro.

I'd like to show how an understanding of chiaroscuro (the illusion of 3D space on a 2D surface using light and dark shapes).

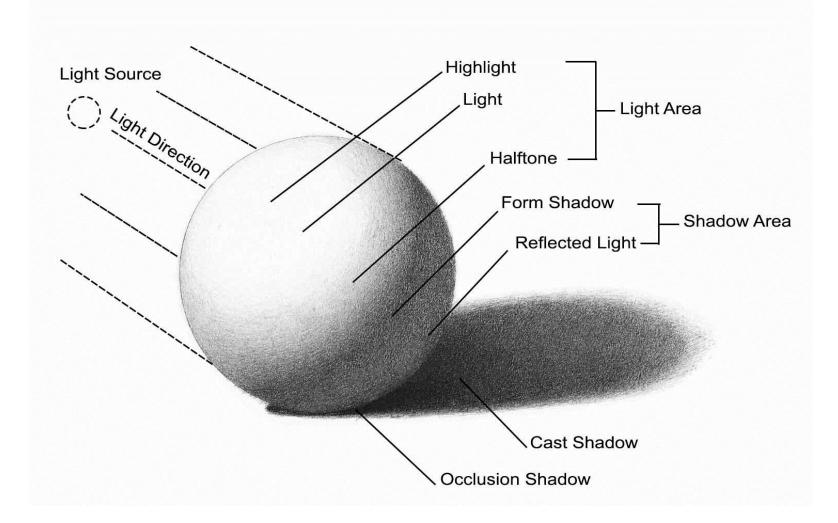




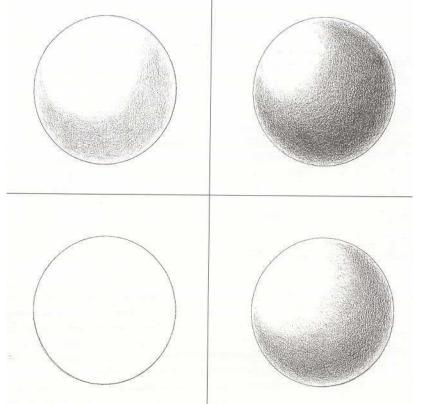
In this drawing you can see how a 2D shape at left can become 3D form at right by following some simple rules.



Light and shadow

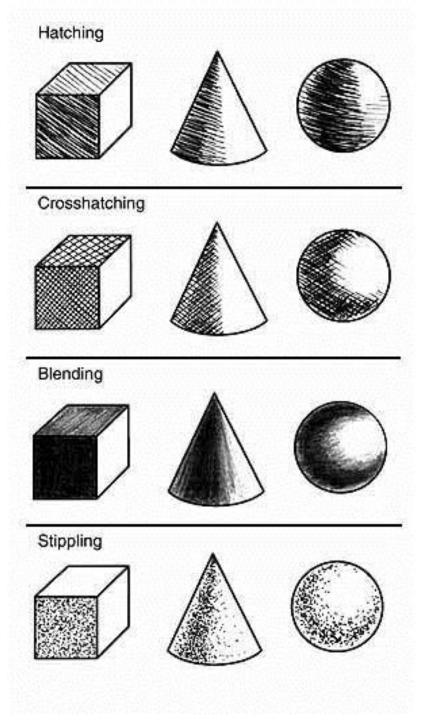






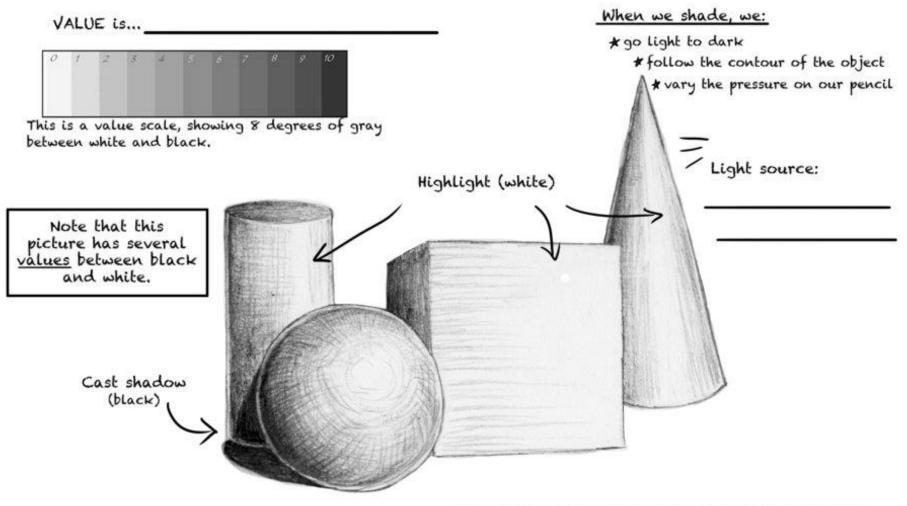


Shading!

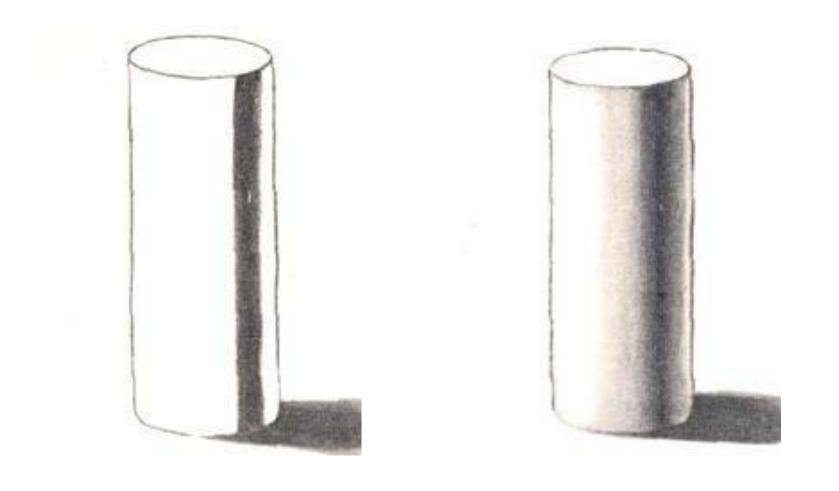


The Illusion of Space: Shading

We use LINE to create VALUE.



What is the difference between SHAPE and FORM?



no

yes

