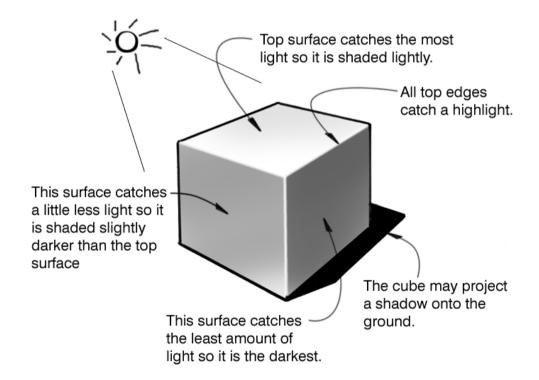
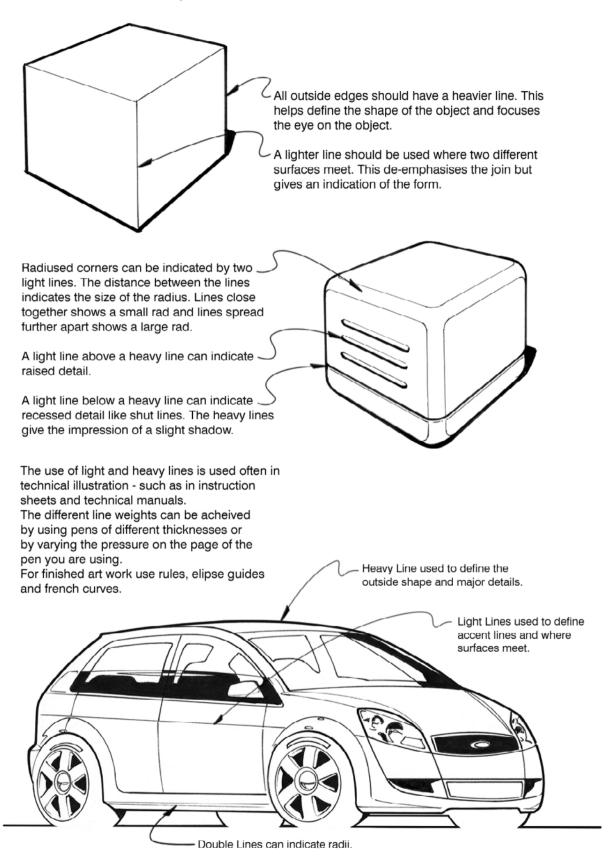
## **Design School Cheat Sheets**



## line weights

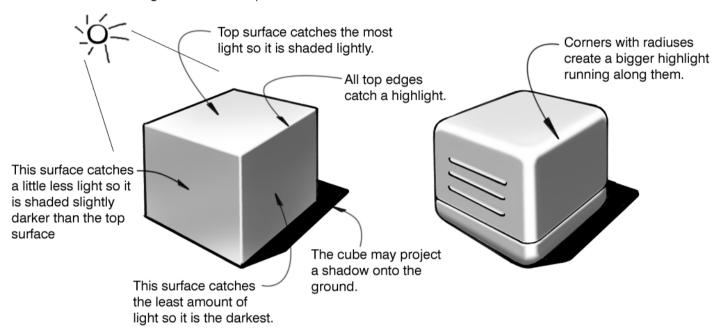
Varying the thickness of lines can take your drawing from being flat and lifeless to looking three dimensional and full of impact.

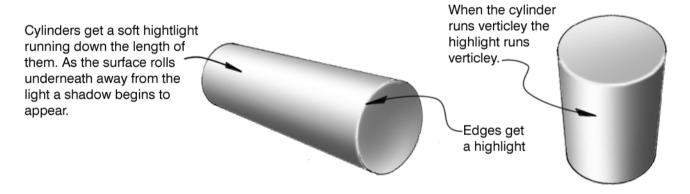


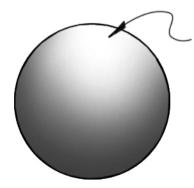
## light & shadow

Shading is used to show light and shadow on objects. This shows the form of an object. It is useful for the deisgner to be able to imagine where the light source is coming from and to visualise where highlights and shadows will fall on an object.

Generally for product rendering, the light source is assumed as coming from above the product.







Domes and spheres have a concentration of light around the area closest to the light that gradually darkens as the surface rolls away from the light.

When rendering spheres and domes it is important to get an even graduation of tone since the surface rolls evenly away from the light.

Most objects can be broken down into cubes, cylinders and spheres. These simple rules of shading can be applied to any object to show its form.

## gloss surfaces

Gloss surfaces reflect the outside world. There is an art to rendering gloss surfaces correctly however a few simple rules can be followed to make it easier.

