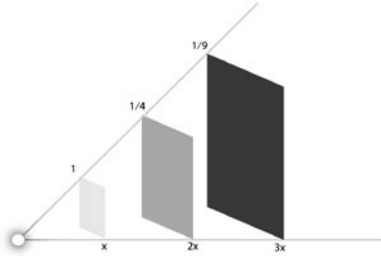
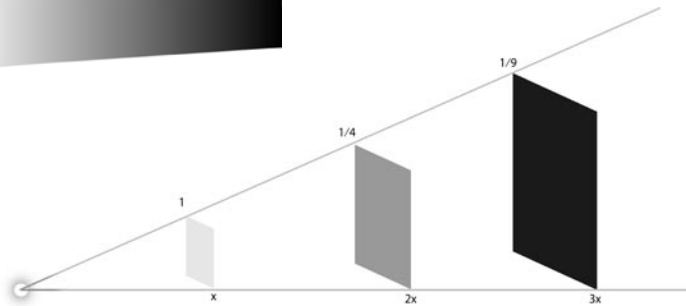
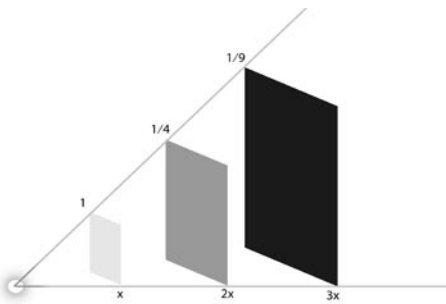


## ***Light Diminishes Proportionally to the Square of its Distance***

This handy fact allows you to create light that fades from light to dark. Unless you have an interest in having a perfectly even background, this is a good thing.



It even allows you to control the rate at which the light falls off. A light that is relatively close will diminish relatively quickly. One that is far away will fall off more gradually.



Use this fact when considering the placement of lights for a large subject, multiple subjects, backgrounds that must fade, or managing highlights reflected in shiny objects.