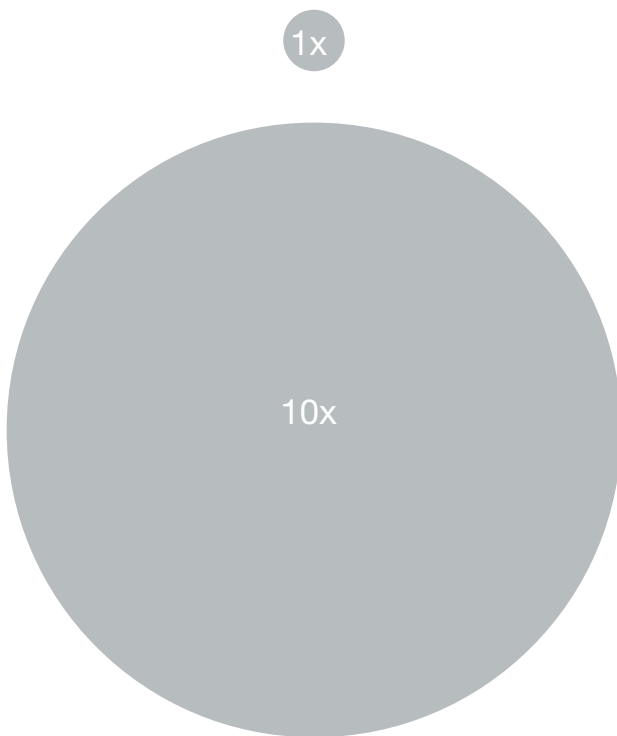
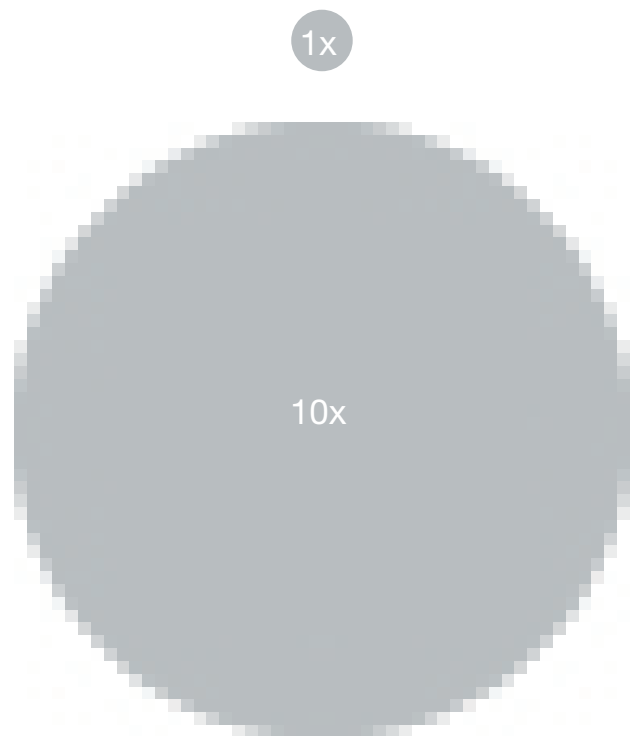


# Vector vs Raster

Vector & Raster are the two formats of digital art.  
Vector artwork is based upon mathematical formulas.  
Raster files use a grid of pixels.



A vector artwork can be scaled in size without any loss of quality. This is because the file is defined by start and end points with a series of paths that join these points together. When the file is scaled up the points and relationships between them remain the same.



A raster artwork will half in quality every time it is doubled in size. This is a result of being made up of a number of pixels in a grid pattern. When the grid is expanded more pixels are required to fill the gap which gives the jagged pixelated appearance.