Computer terminology worksheet

Name _____

Vector/Raster, resolution, file formats, file sizes:

1) Name 3 examples of a vector image?

2) Why do vector images produce a smaller file size than raster images?

3) Vector images can be scaled with no quality loss, give an example that verifies this truth?

4) A vector image can be individually manipulated, give an example of where this is done with an illustrator file.

5) There are many disadvantages to raster images over vector images, name the main advantage of a raster image over a vector?

6) How are raster images stored?

7) What is edited in a raster image?

8) Raster images are also known as what?

9) Raster files are larger than vector files, why is this?

10) Define resolution.

11) PPI stands for what?

12) If I have a 72 ppi file and it is a 4" x 5" photo, how many pixels is this image in width and height?

13) Is a 100 ppi file better quality than a 200 ppi file?

14) In number 13, if a 100 ppi file is better quality than a 200 ppi file, than why is this the case? If it isn't, than why is this not the case?