DPI Review

name_____

What are the minimum resolution numbers for scanning photos and getting the best result for:

a. Web Pages = _72_ DPI
b. Newspaper Printing = _144_ DPI
c. Yearbooks = _300_ DPI
d. High Res Magazines = _450__ DPI

Roberta works for the photo department at National Geographic and is in charge of scanning a photo from Ansel Adams into the image database. If the photos are going to be printed at 100% (no stretching or resizing), what minimum resolution should you set your scanner for? 450 dpi - National Geographic is a high quality magazine requiring higher resolutions than most printed documents.

Super Joe is scanning photos in for a new website on self-cleaning plumbing products. His printing company will use a 150 Line Screen. What DPI should Joe scan his photos in at? 72 dpi - remember that Super Joe is scanning photos for a website, and web pages require only 72 dpi.

Please describe resolution in a few complete sentences. Something like, resolution is the amount of pixel information crammed into the graphical image. The more resolution in an image, the higher quality the publication will be which can use all that resolution available.