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**Photoshop exercise: size and resolution**

Download the EX03\_materials folder from today's link on the class website.

1. Open the "01\_Veteran.jpg" photo in Photoshop. Go to Image/Image Size. Without allowing Photoshop to create new pixels (interpolate) change the resolution to 150.

- What is the new size? (*work in inches*)

ANSWER: 10 width x 6.607 height.

- Which format should you save this image in to keep it from degrading?

ANSWER: a. .jpg      **b. tiff**

2. Open the "02\_Elf.jpg" image.

- What is the original resolution?

ANSWER: 72 Pixles/Inch

- For what publication among the choices below would the original resolution be appropriate?

ANSWER: **a. web**      b. laser printing      c. high-quality professional printing

- At 300 dpi, what is the maximum possible height of the image?

ANSWER: 2 in

- Will it be possible to print this photo 6 inches wide at 150 dpi?

ANSWER: (circle one)    yes      **no**

3. Open "03\_Ali.jpg"

- For what publication among the choices below would the original resolution be appropriate?

ANSWER: **a. web**      b. laser printing      c. high-quality professional printing

- If you were to change the resolution to 300 dpi, how large would this picture become, in inches? (width x height)

ANSWER: 3.2 x 3.27

- For what publication would this resolution be most appropriate? (*circle one*)

ANSWER: a. web      b. laser printing      **c. high-quality professional printing**

4. Open all the photos.

- Which ones would fit in a space in the layout that is 4" wide x 5" high at 300 dpi? (*they can be cropped*)

ANSWER: (list the first numbers only) 7. moss & 4. sick

- Which ones would fit in a space in the layout that is 8.5" x 11" at 150 dpi?

ANSWER: 8. Soldiers & 3. Ali