

## Lab 5

- Create a lab5 folder
- Right click the image on the lab 5 web page, and save the image as lab5.jpg in your lab5 folder.

1. Open the lab5.jpg image using the GIMP software

2. Crop the image until only the photographic part is left; that is, remove the yellow, the white, the text, and the rulers.

3. Save this as lab5-crop.jpg

4. If not already open, open lab5-crop.jpg and scale it to 2 inches wide; let the height be adjusted proportionally

5. Save this as lab5-resize.jpg

6. If not already open, open lab5-resize.jpg and resize the canvas to 3x3 inches; center the image in the resized canvas

7. Flood the new space with a color, if you like; Save this as lab5-canvas.jpg

8. You should now have 4 images in your lab5 folder: lab5.jpg, lab5-crop.jpg, lab5-resize.jpg, and lab5-canvas.jpg

- Zip the lab5 folder, rename it to *yourname*-lab5.zip and submit in the D2L Lab 5 dropbox

Answer the following questions

1. When you select an area of an image, and remove everything else, it is called \_\_\_\_ the image.  
a) canvas    b) cropping    c) rotating    d) scaling
2. When you make a 5x5 inch square 3x3 inches square, it is called \_\_\_\_\_ the image.  
a) canvas    b) cropping    c) rotating    d) scaling
3. When you add space around an image, you are adjusting the \_\_\_\_\_ size.  
a) canvas    b) cropping    c) rotating    d) scaling
4. Cropping can be used to: (choose all that apply)  
a) flip an image  
b) remove unwanted areas  
c) rotate an image  
d) accentuate subject matter  
e) increase the size of an image  
f) change the aspect ratio  
g) center an image
5. True or false: It is recommended that you use File\Save As to create a new file after cropping, instead of replacing the old file.
6. When scaling an image to get a different image size, it is not recommended that you scale it larger, due to loss of clarity. But when scaling an image down, to a smaller size, you may also [increase *or* decrease] resolution to improve clarity.
7. The aspect ratio is  
a) the width compared to the height, expressed as a ratio, such as 1.5:1  
b) the angle the file is being view from  
c) the image quality compared to the image file size
8. True or false: Wide screen or Panoramic images have the same aspect ratio as a computer monitor
9. When adjusting the canvas size, you may normally (choose all that apply)  
a) make it wider only  
b) make it taller only  
c) adjust the width and height individually  
d) adjust the width and height separately  
e) center the image in the new space
10. When rotating an image in the GIMP, you may Choose Image\\_\_\_\_\_  
a) transform    b) rotate    c) modify