Resizing Images for Web Use

Open your digital file in Photoshop
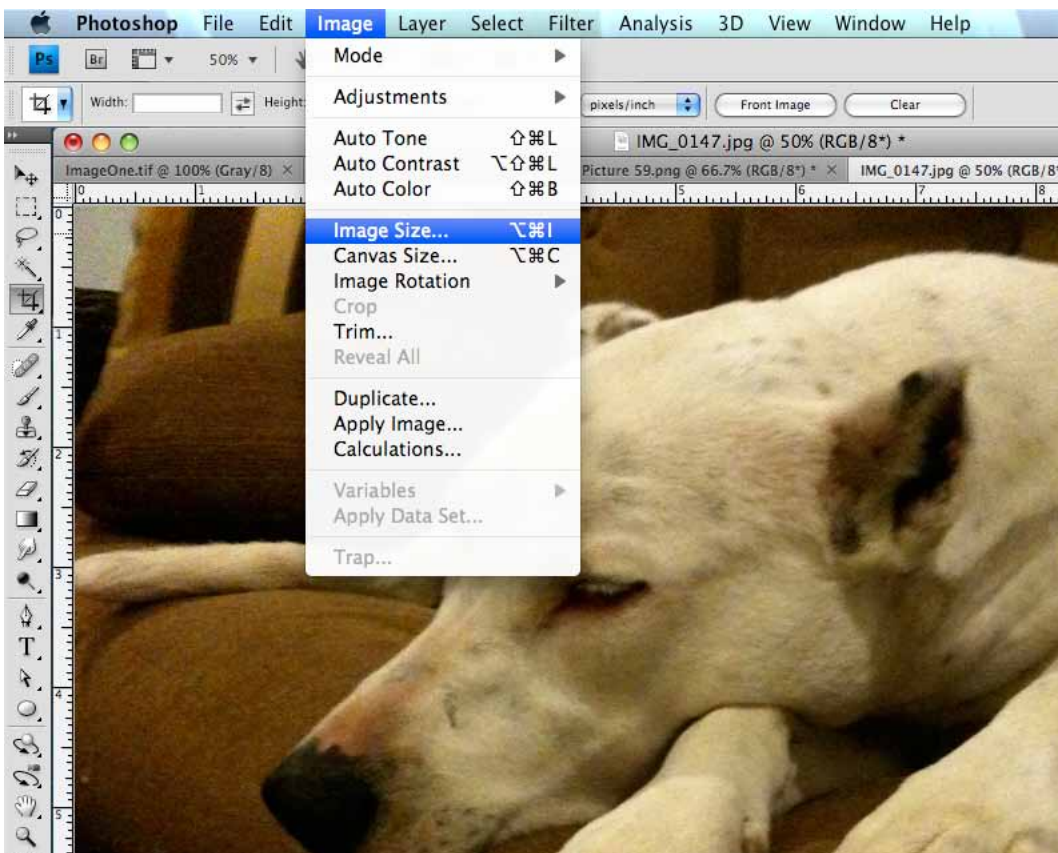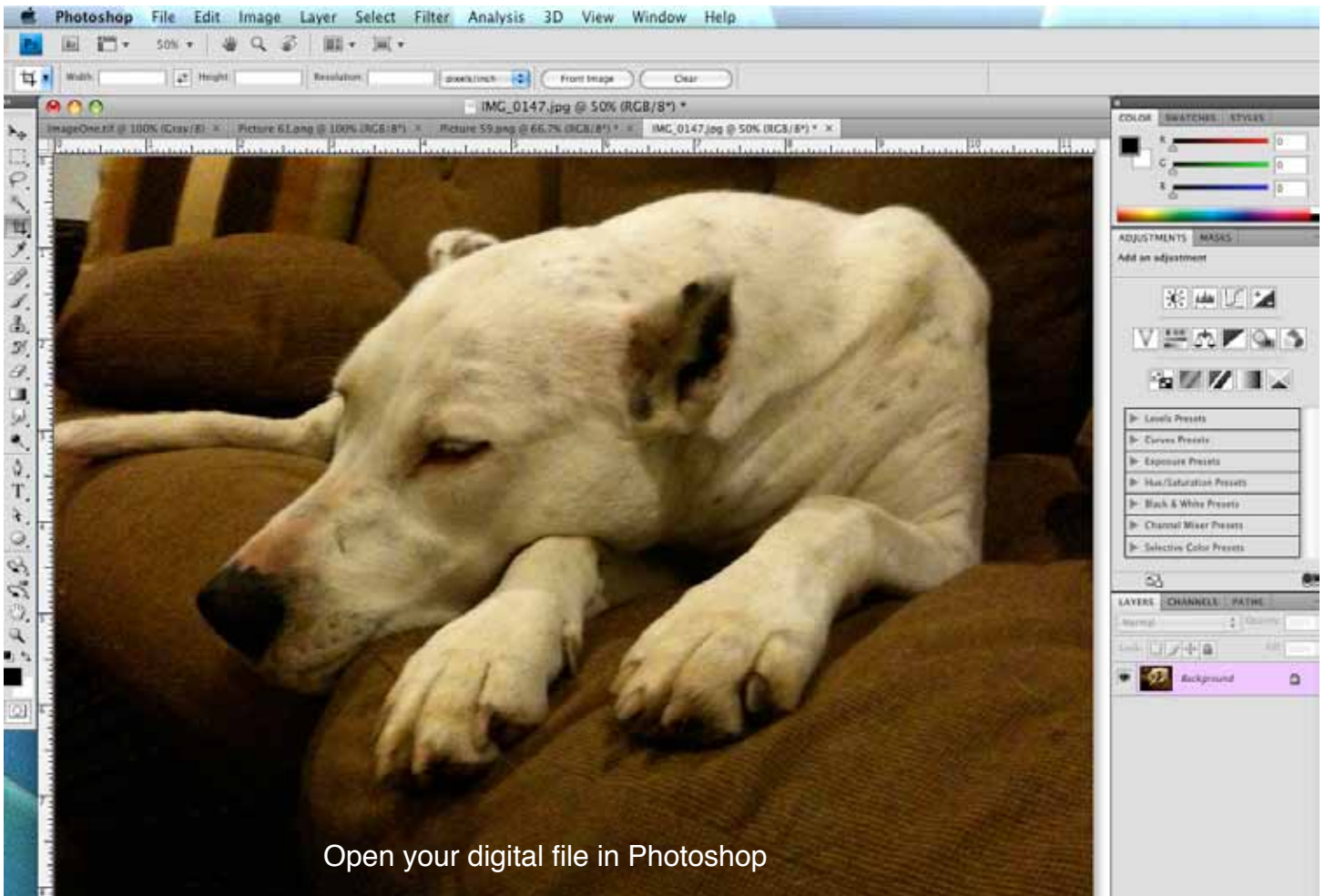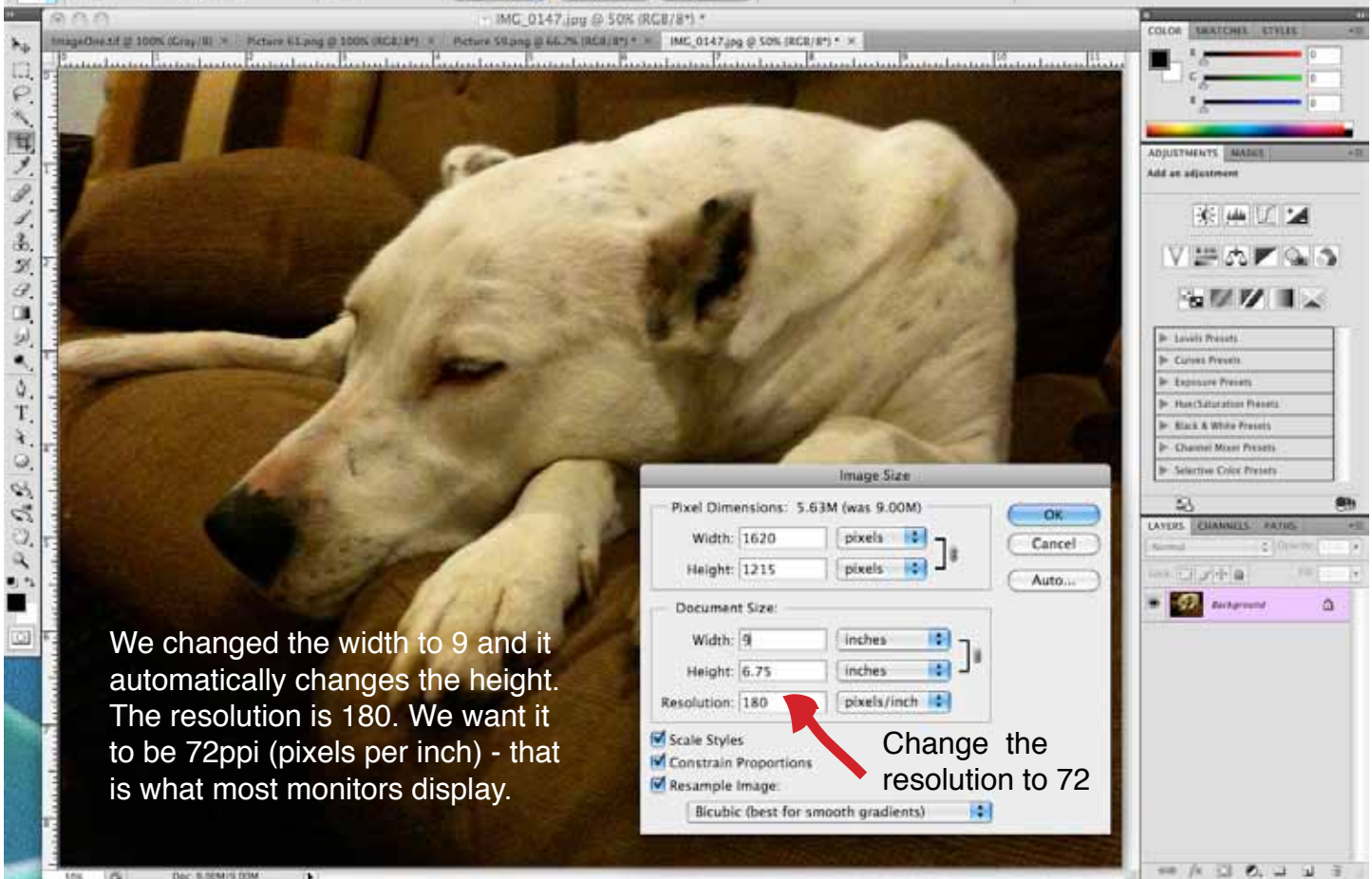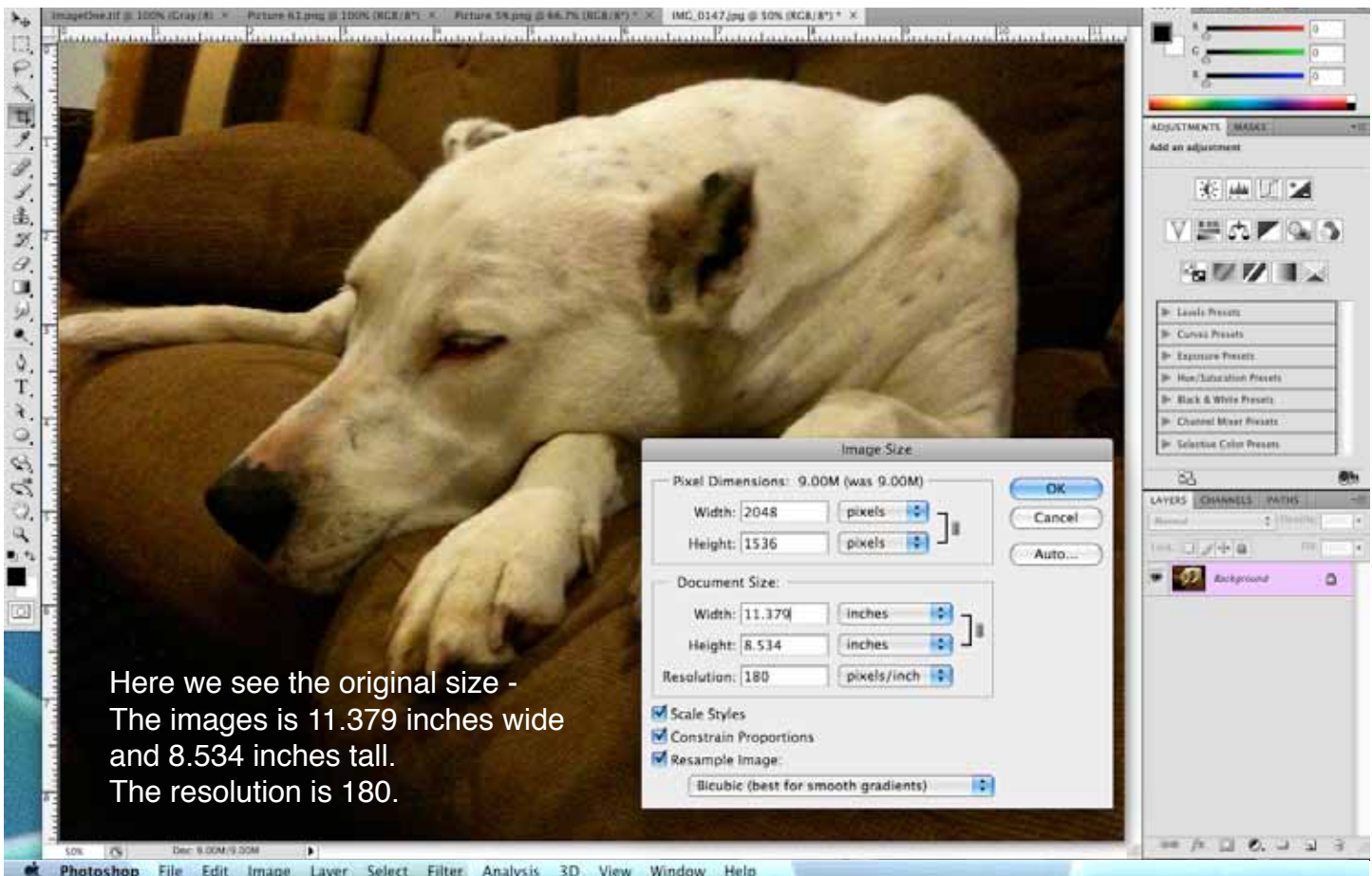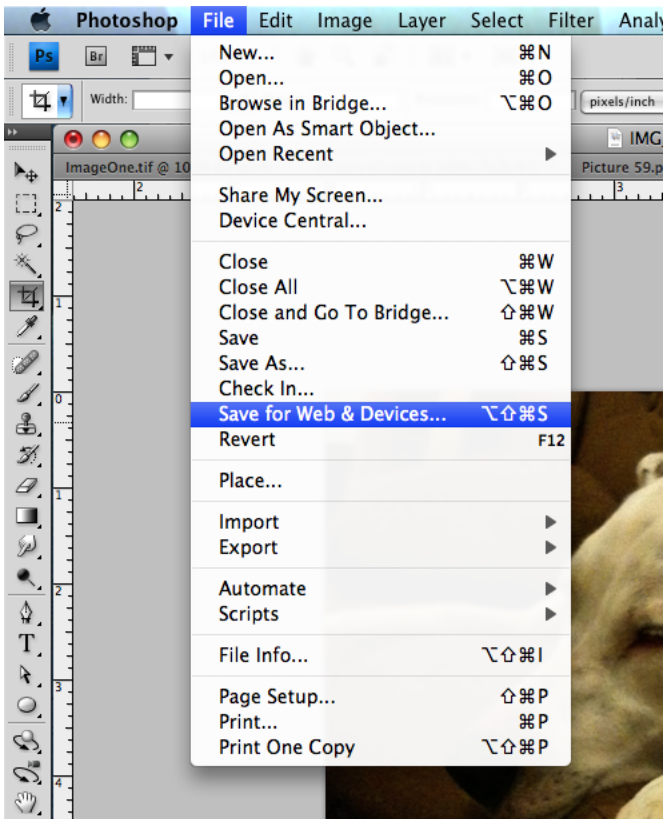

We want to resize the image to make it load faster on the web

Go to the top tool bar to **Images** and scroll down to **Image Size**

Here we see the original size -
The images is 11.379 inches wide
and 8.534 inches tall.
The resolution is 180.

Image Size

Pixel Dimensions: 9.00M (was 9.00M)
Width: 2048   pixels
Height: 1536   pixels

Document Size:
Width: 11.379   inches
Height: 8.534   inches
Resolution: 180   pixels/inch

☑ Scale Styles
☑ Constrain Proportions
☑ Resample Image:
Bicubic (best for smooth gradients)

Width: Height: Resolution: pixels/inch   Front Image   Clear

IMG_0147.jpg @ 50% (RGB/8*) *

We changed the width to 9 and it
automatically changes the height.
The resolution is 180. We want it
to be 72ppi (pixels per inch) - that
is what most monitors display.

Image Size

Pixel Dimensions: 5.63M (was 9.00M)
Width: 1620   pixels
Height: 1215   pixels

Document Size:
Width: 9   inches
Height: 6.75   inches
Resolution: 180   pixels/inch

☑ Scale Styles
☑ Constrain Proportions
☑ Resample Image:
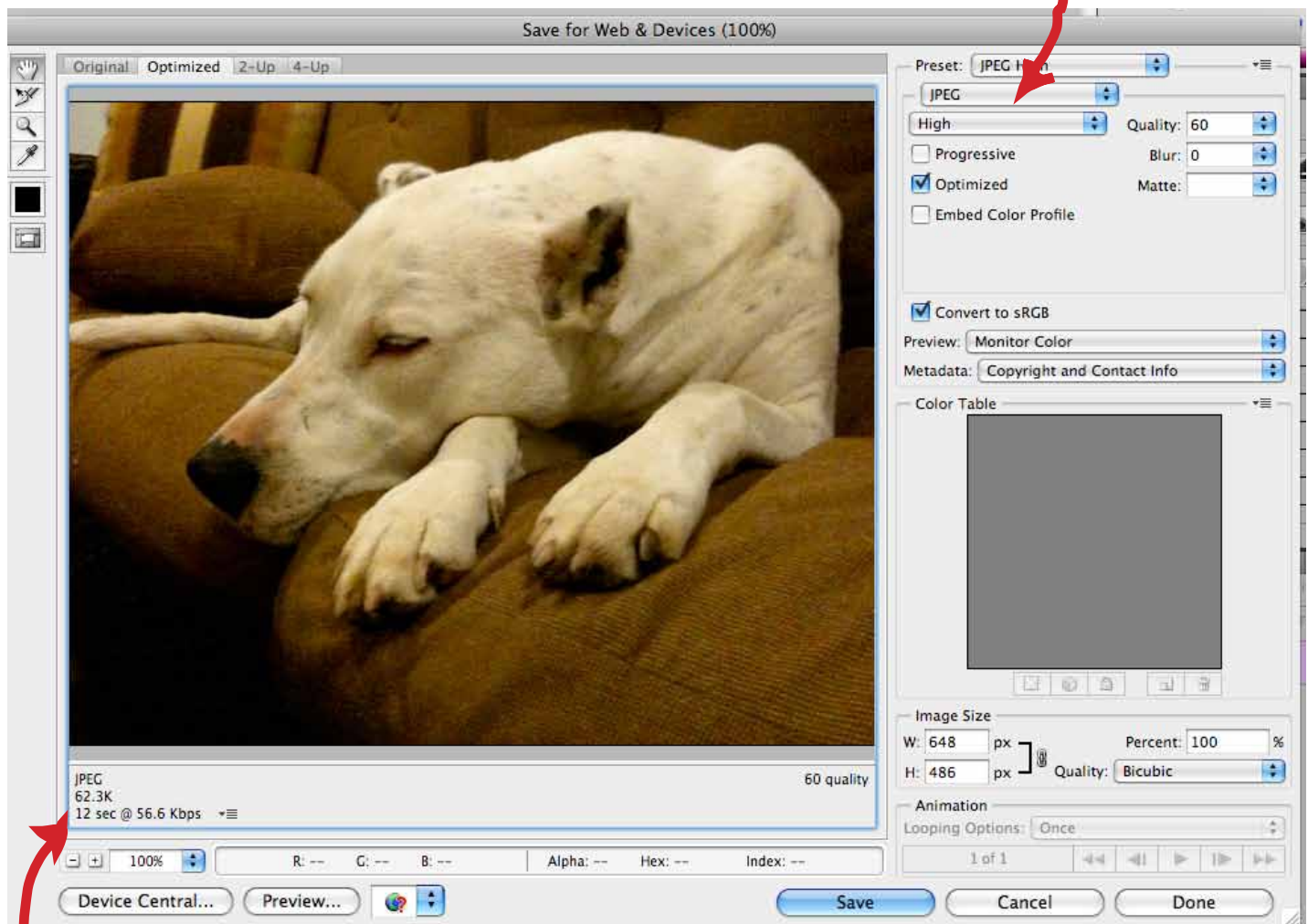Bicubic (best for smooth gradients)

Change the
resolution to 72

Once we have changed the size and also the resolution (to 72ppi) we want to compress the file more

Use the
Save for Web & Devices option

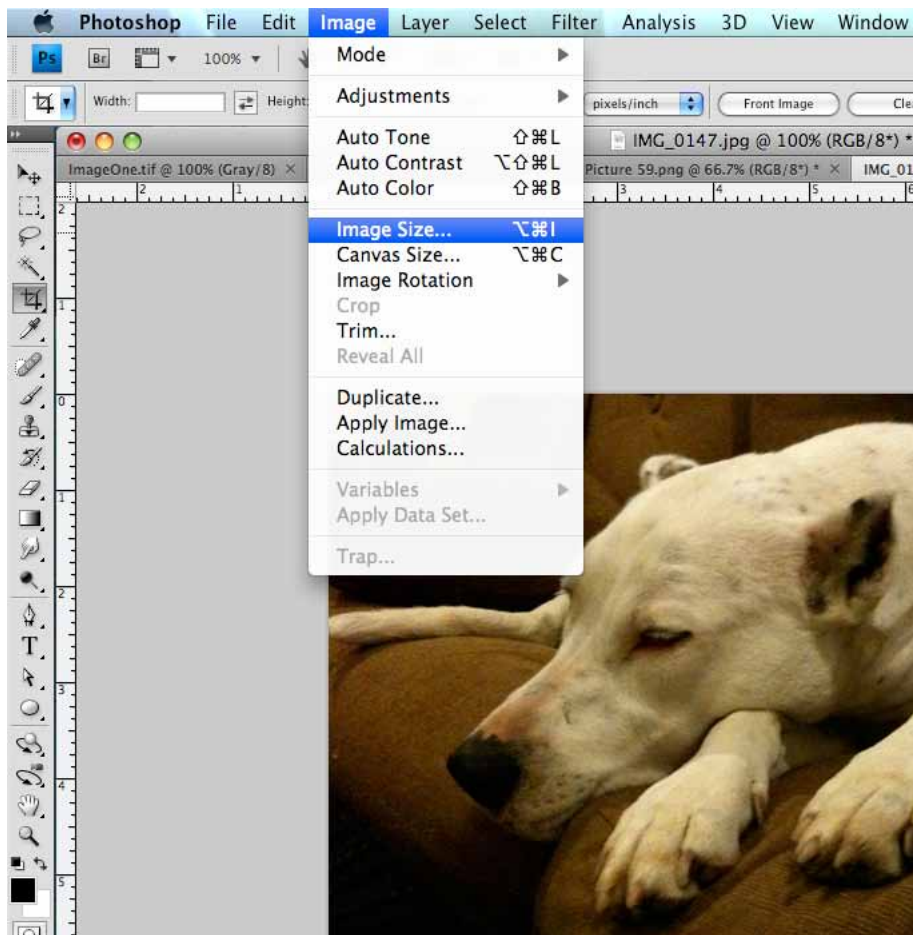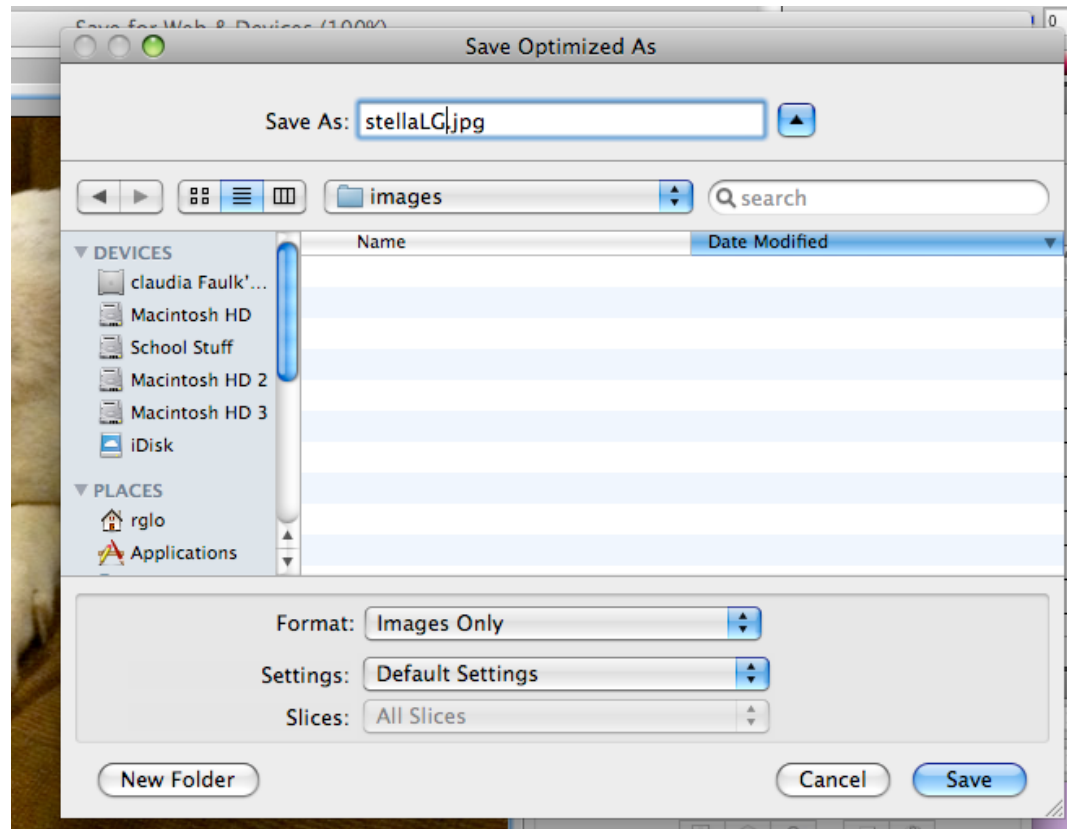A new window pops up
Choose the **jpeg** option

At the lower left it tells you how quickly the file would load on a 56K modem.

Navigate to your images folder. Save as a new name - I used **stellaLG.jpg**

stella - because that is her name

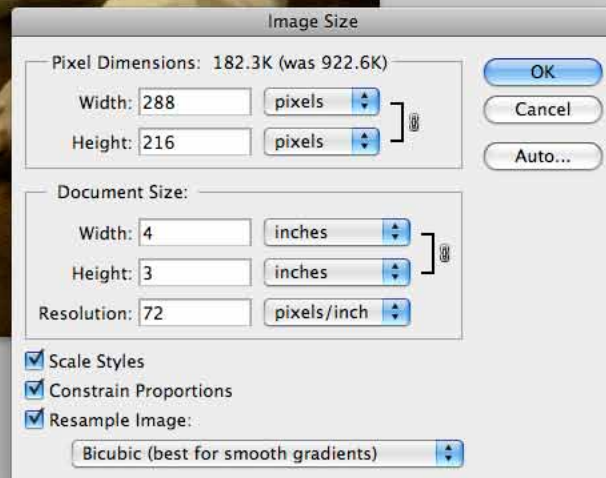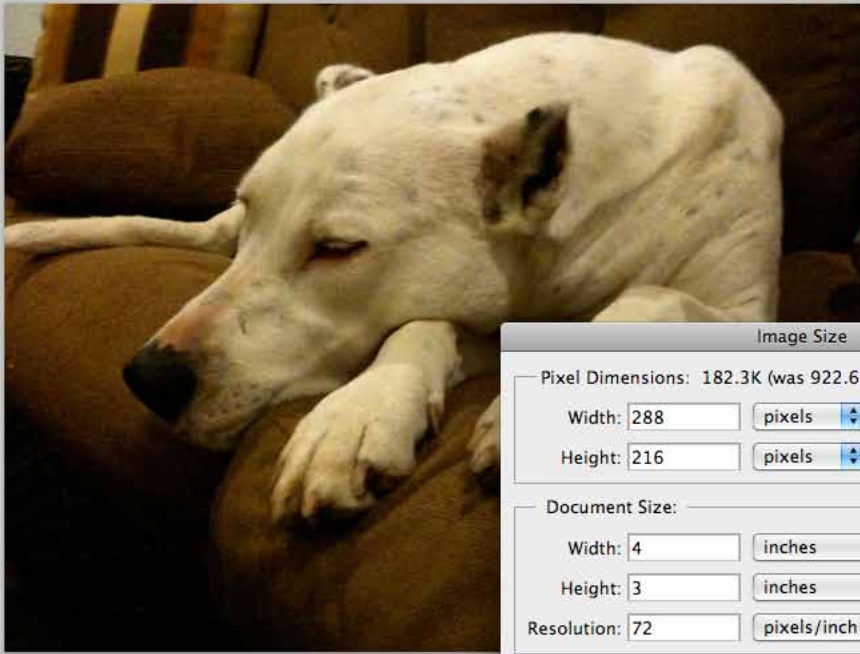**LG** - because that is my way of remembering this is the largest of the resized files.
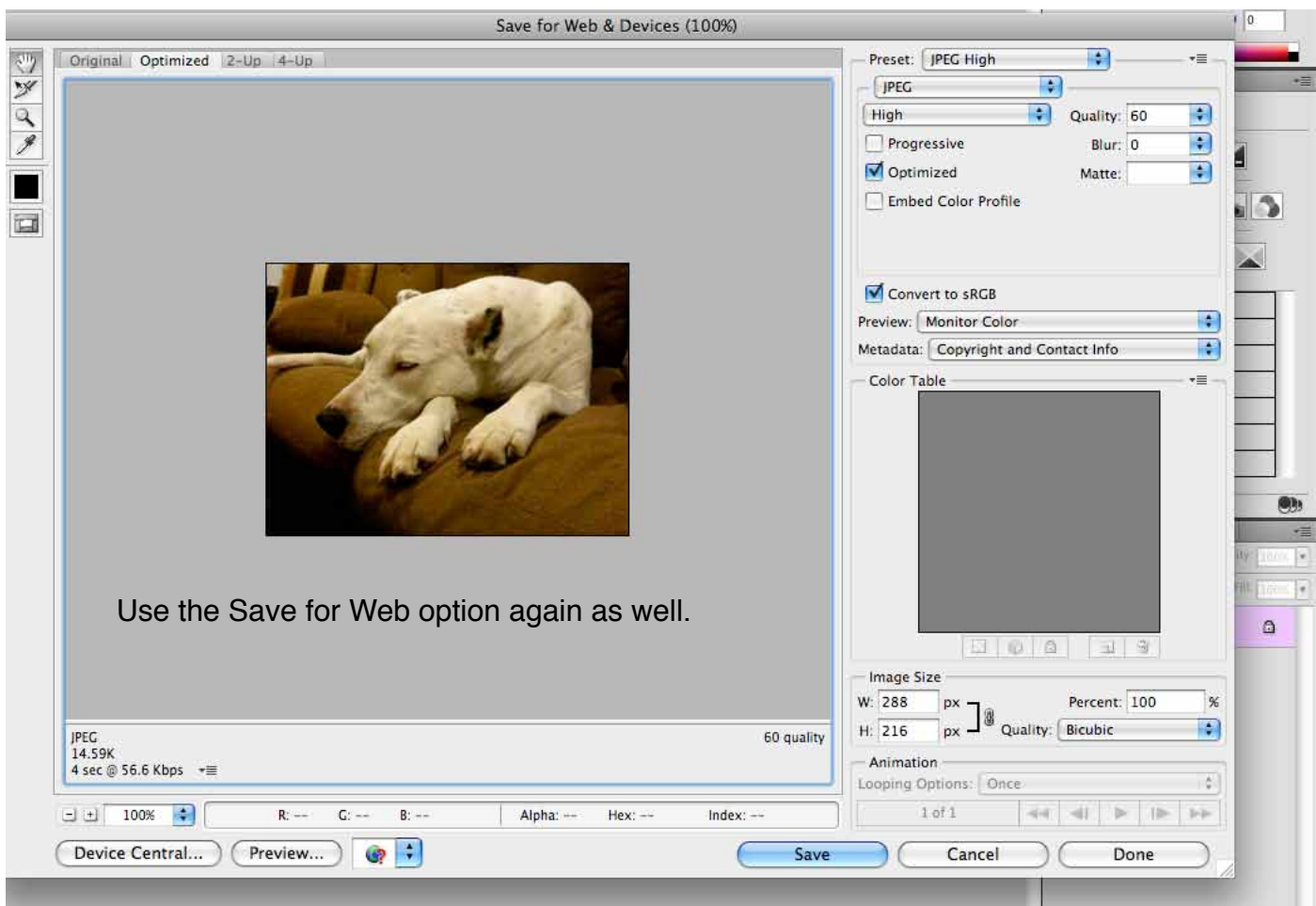
And the extension is **.jpg**

Save Optimized As

Save As: stellaLG.jpg

📁 images

Name	Date Modified

▼ DEVICES
- claudia Faulk'...
- Macintosh HD
- School Stuff
- Macintosh HD 2
- Macintosh HD 3
- iDisk

▼ PLACES
- rglo
- Applications

Format: Images Only

Settings: Default Settings

Slices: All Slices

New Folder   Cancel   Save

Photoshop File Edit **Image** Layer Select Filter Analysis 3D View Window

Mode
Adjustments

Auto Tone   ⇧⌘L
Auto Contrast   ⌥⇧⌘L
Auto Color   ⇧⌘B

Image Size...   ⌥⌘I
Canvas Size...   ⌥⌘C
Image Rotation
Crop
Trim...
Reveal All

Duplicate...
Apply Image...
Calculations...

Variables
Apply Data Set...

Trap...

ImageOne.tif @ 100% (Gray/8) ×   IMG_0147.jpg @ 100% (RGB/8*) *   Picture 59.png @ 66.7% (RGB/8*) * ×   IMG_014

Now lets make it smaller again for our next size.

Again -- go to Image and scroll down to

Image Size

Image Size

Pixel Dimensions: 182.3K (was 922.6K)

Width: 288 pixels

Height: 216 pixels

Document Size:

Width: 4 inches

Height: 3 inches

Resolution: 72 pixels/inch

☑ Scale Styles
☑ Constrain Proportions
☑ Resample Image:
Bicubic (best for smooth gradients)

OK

Cancel

Auto...

This time I am making my file 4 inches wide. This automatically switches the image to 3 inches tall.

Save for Web & Devices (100%)

Original | Optimized | 2-Up | 4-Up

Preset: JPEG High

JPEG

High   Quality: 60

☐ Progressive   Blur: 0

☑ Optimized   Matte:

☐ Embed Color Profile

☑ Convert to sRGB
Preview: Monitor Color
Metadata: Copyright and Contact Info

Color Table

Image Size

W: 288 px   Percent: 100 %

H: 216 px   Quality: Bicubic

Animation

Looping Options: Once

JPEG
14.59K
4 sec @ 56.6 Kbps

60 quality

Use the Save for Web option again as well.

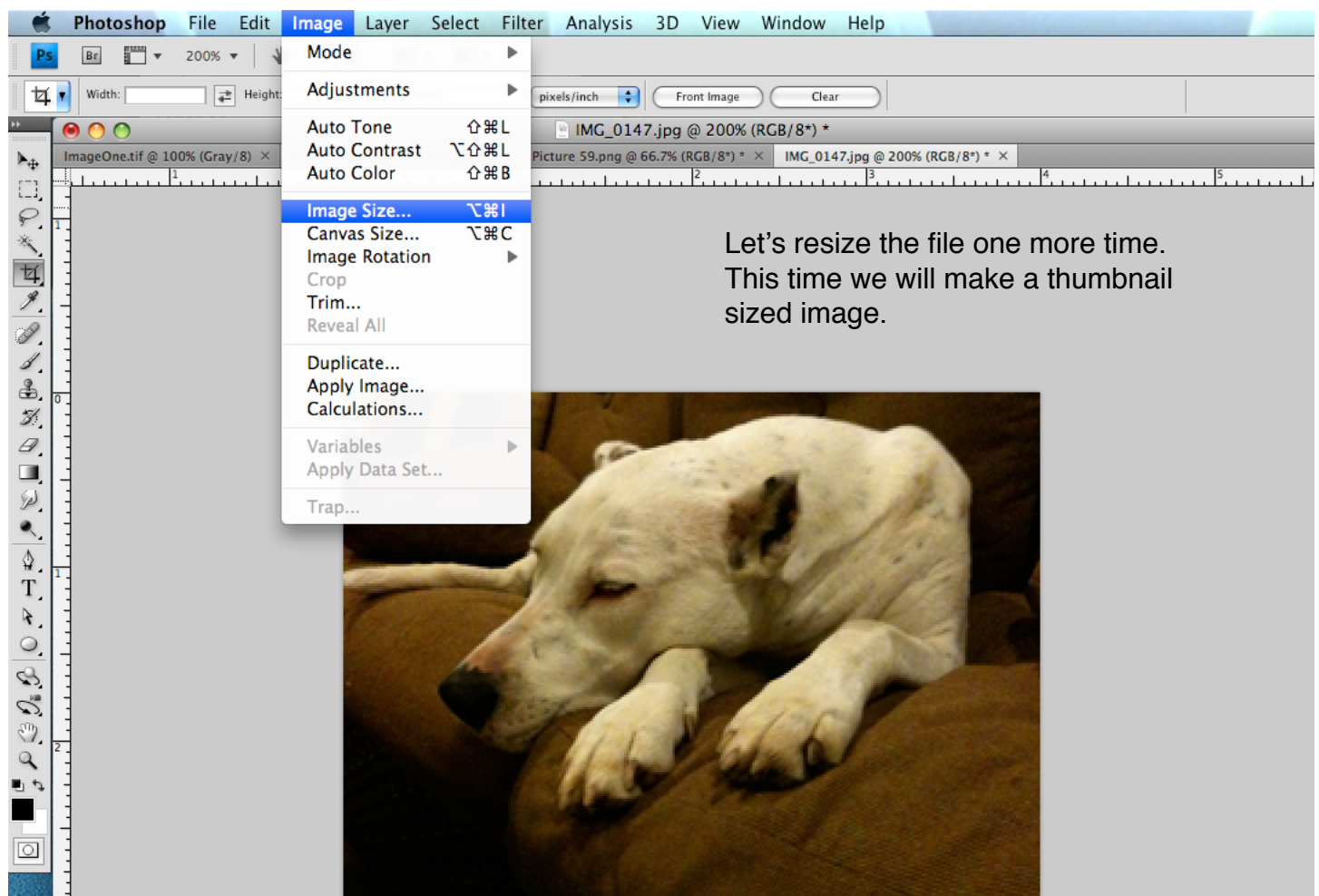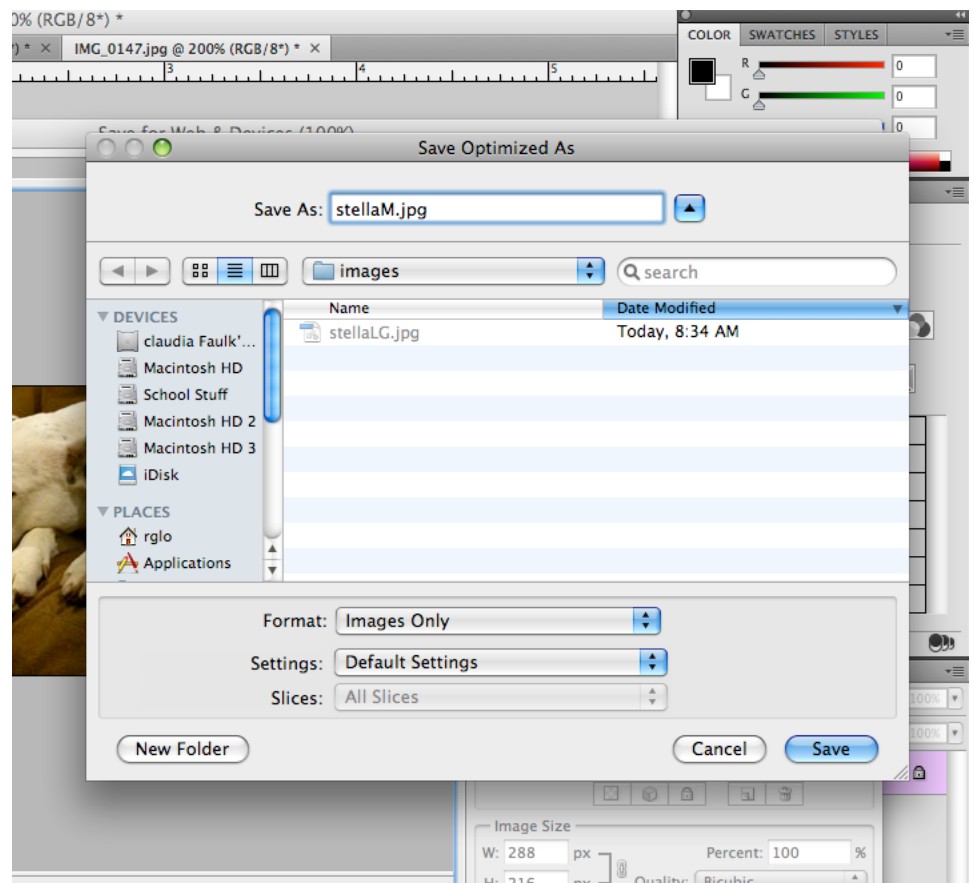Device Central...   Preview...   Save   Cancel   Done

This time when I
hit save it should
automatically go to the
images folder where I
saved the last file.

Save as a new name -
I used **stellaM.jpg**

I kept the **stella** - so I
would remember the
files go together

M - because that is my
way of remembering
this is the medium
sized file.

And the extension is
.jpg again.

Save Optimized As

Save As: stellaM.jpg

images   Q search

DEVICES
- claudia Faulk'...
- Macintosh HD
- School Stuff
- Macintosh HD 2
- Macintosh HD 3
- iDisk

PLACES
- rglo
- Applications

Name	Date Modified
stellaLG.jpg	Today, 8:34 AM

Format: Images Only
Settings: Default Settings
Slices: All Slices

New Folder   Cancel   Save

Image Size
W: 288   px   Percent: 100   %
H: 216   px   Quality: Bicubic

Photoshop   File   Edit   Image   Layer   Select   Filter   Analysis   3D   View   Window   Help

Mode
Adjustments

Auto Tone   ⇧⌘L
Auto Contrast   ⌥⇧⌘L
Auto Color   ⇧⌘B

Image Size...   ⌥⌘I
Canvas Size...   ⌥⌘C
Image Rotation
Crop
Trim...
Reveal All

Duplicate...
Apply Image...
Calculations...

Variables
Apply Data Set...

Trap...

Let's resize the file one more time.
This time we will make a thumbnail
sized image.

For thumbnail images I use 1 inch.
When I resize -- the size ends up being
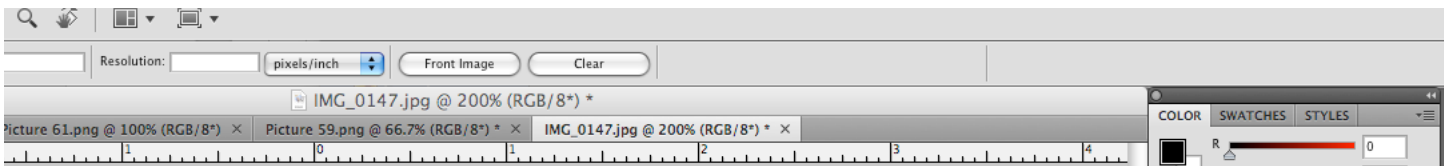1 inch tall and 1.333 wide. I check ok.
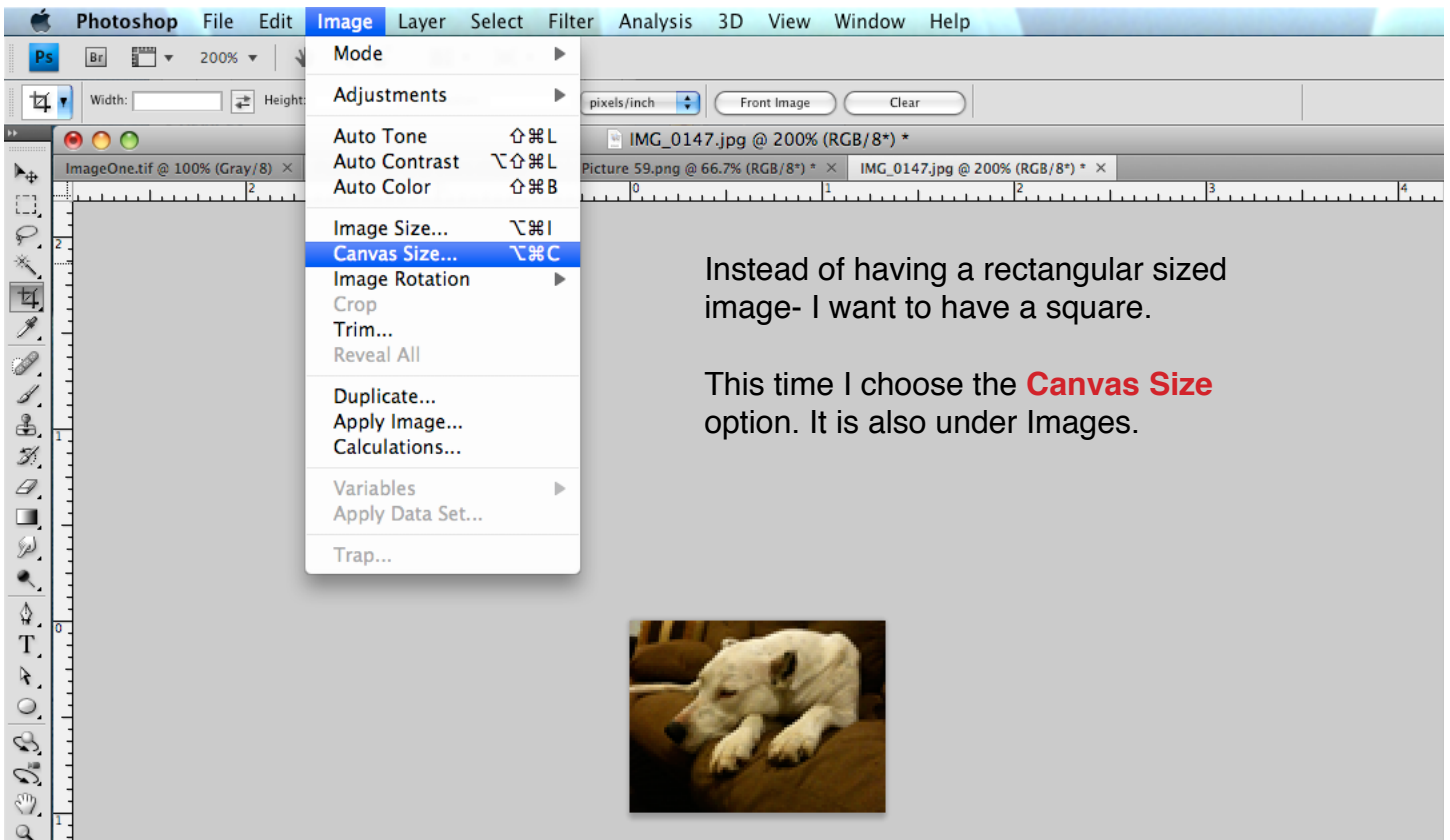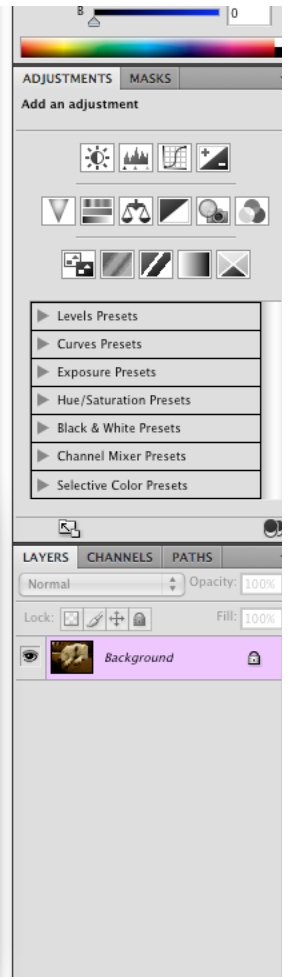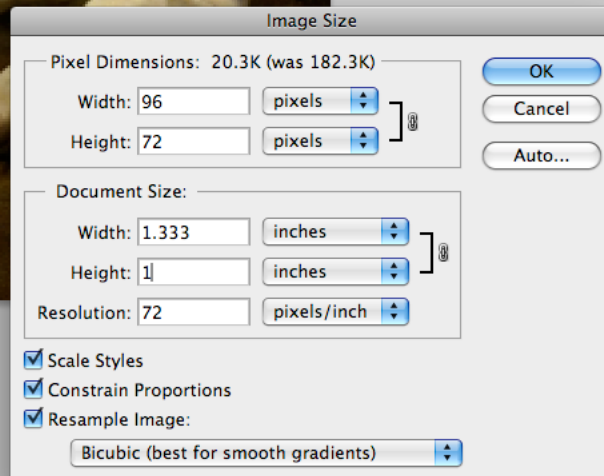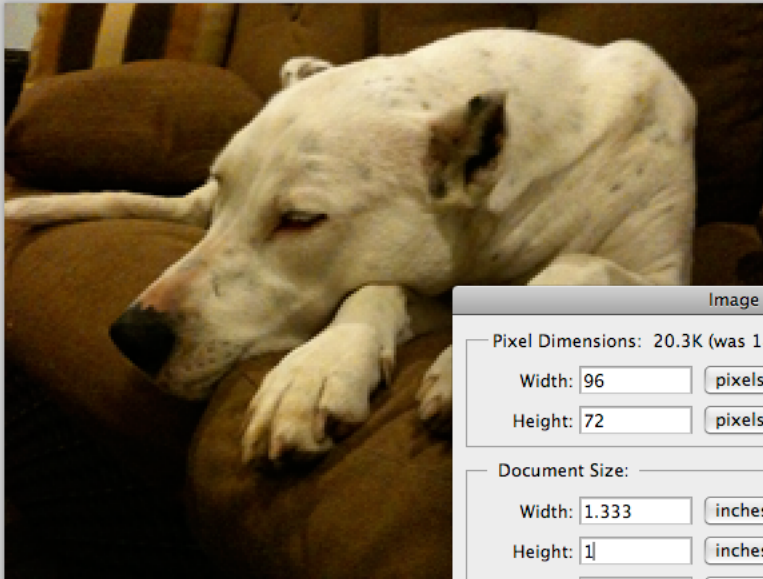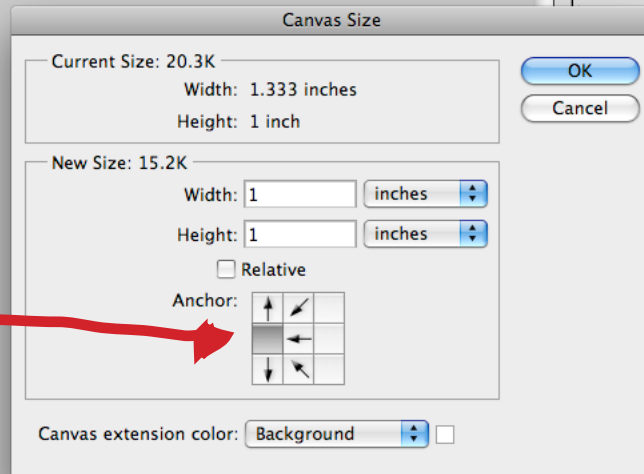

Instead of having a rectangular sized
image- I want to have a square.

This time I choose the **Canvas Size**
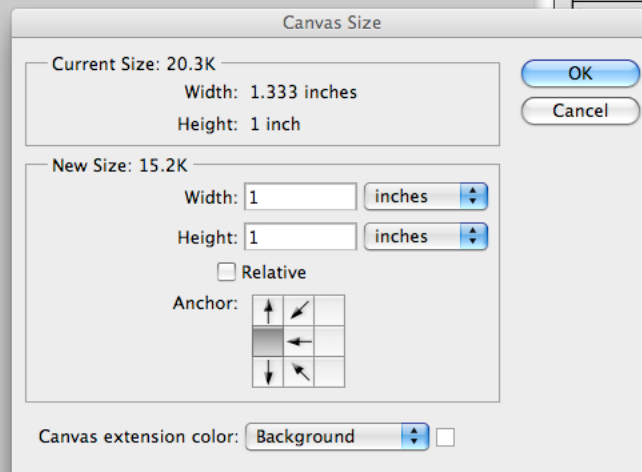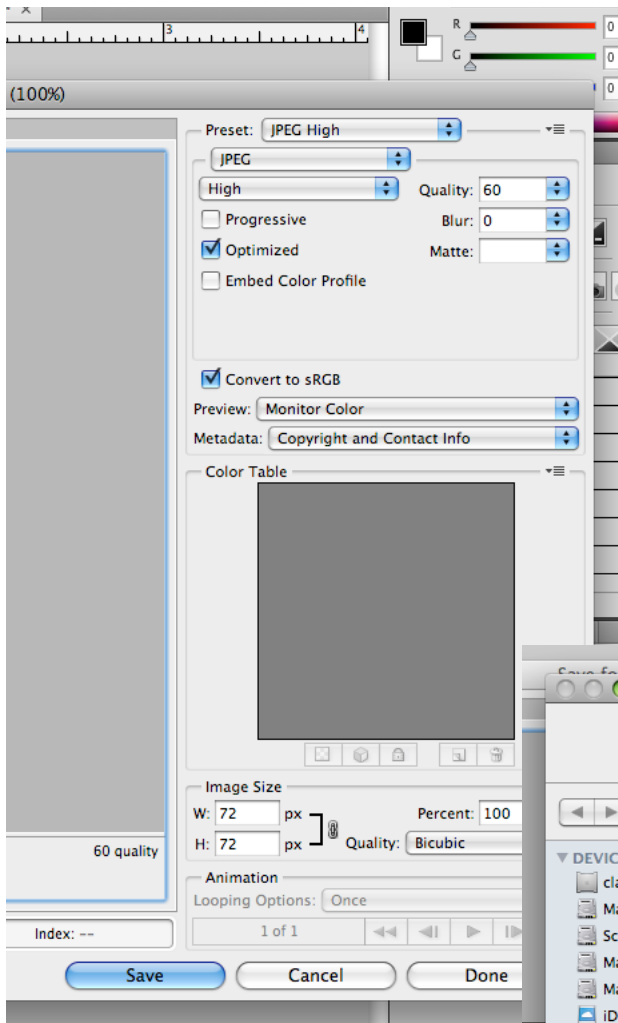option. It is also under Images.

Canvas Size

Current Size: 20.3K
Width: 1.333 inches
Height: 1 inch

New Size: 15.2K
Width: 1 inches
Height: 1 inches
☐ Relative

Anchor:

Canvas extension color: Background

OK
Cancel

I want to crop the image from the right side - so I highlight the left square. This way the computer knows to crop from the right.

Resolution: | pixels/inch | Front Image | Clear

IMG_0147.jpg @ 200% (RGB/8*) *

Picture 61.png @ 100% (RGB/8*) × | Picture 59.png @ 66.7% (RGB/8*) * × | IMG_0147.jpg @ 200% (RGB/8*) * ×

A new screen pops up telling me the canvas will be smaller and some clipping will occur.

I click on **Proceed**

Adobe Photoshop

⚠ **Ps** The new canvas size is smaller than the current canvas size; some clipping will occur.

Cancel | Proceed

Canvas Size

Current Size: 20.3K
Width: 1.333 inches
Height: 1 inch

New Size: 15.2K
Width: 1 inches
Height: 1 inches
☐ Relative

Anchor:

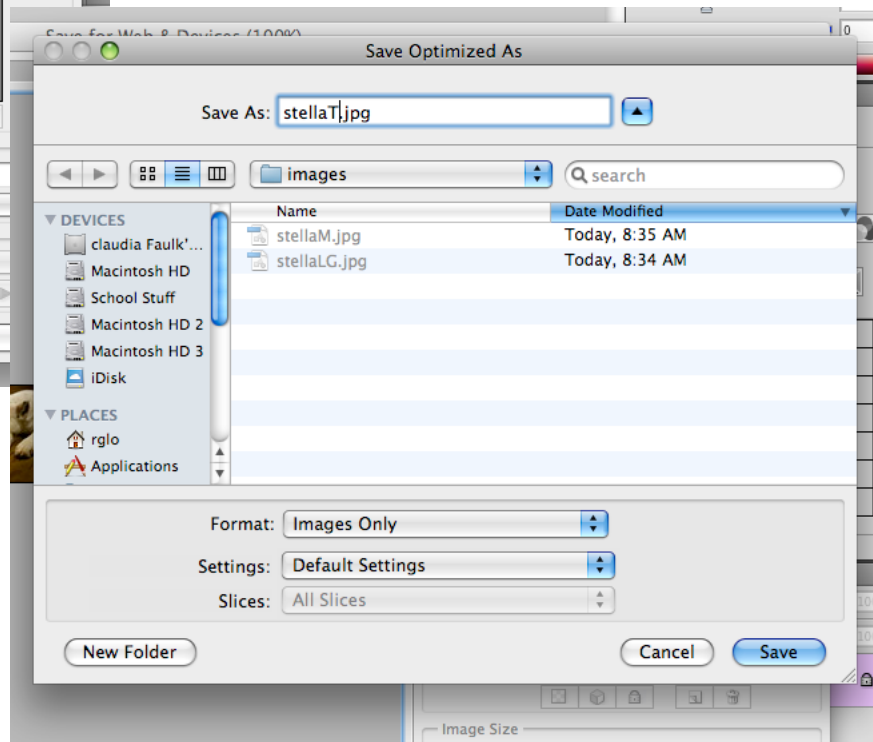Canvas extension color: Background

OK
Cancel

Once more I use the **Save for Web** option.

This time I name my file

stellaT.jpg

The T is my way of telling me this is a thumbnail.

Remember **short names with NO SPACES** are the best ways to name your files.

Now that I have created all three resized files I want, I will close my original file.

Photoshop will ask me if I want to save the changes to the original document

DON'T SAVE. Keep your original file intact in case you need it again