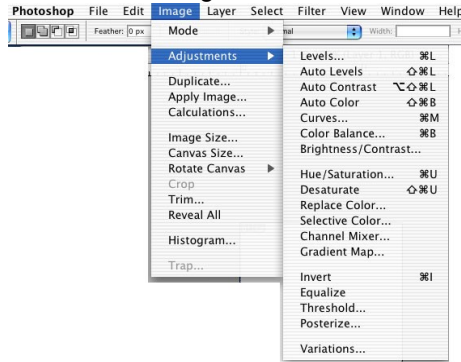# Introduction to Photoshop

Image adjustment (size, cropping, rotating, color, contrast)
Image Manipulation
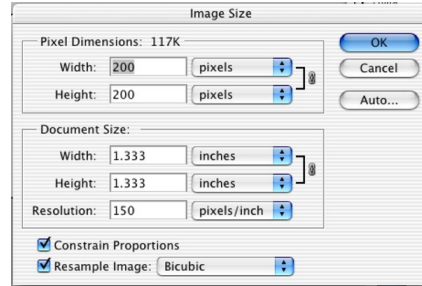
- Selection, Layers
- Combination: copy, paste, layers
- Painting: text, color, pattern, erase, clone, shape
- Processing: Filters, Actions
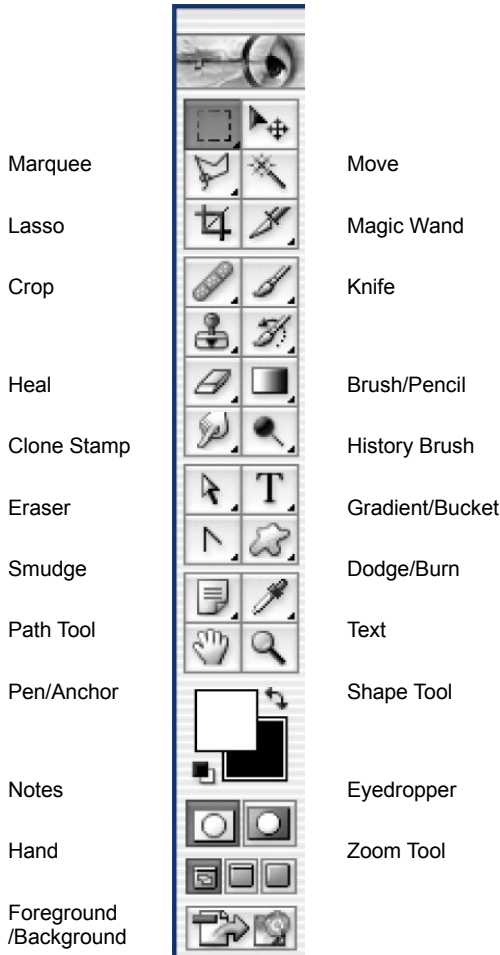
Image Size and adjustments

Go to **Image—Adjustments** submenu to alter contrast/brightness, color balance, etc.

Go to **Image Size** to adjust size of image and resolution

Tools

Marquee	Move
Lasso	Magic Wand
Crop	Knife
Heal	Brush/Pencil
Clone Stamp	History Brush
Eraser	Gradient/Bucket
Smudge	Dodge/Burn
Path Tool	Text
Pen/Anchor	Shape Tool
Notes	Eyedropper
Hand	Zoom Tool
Foreground /Background	

Palettes (to view, go to **Windows** menu)
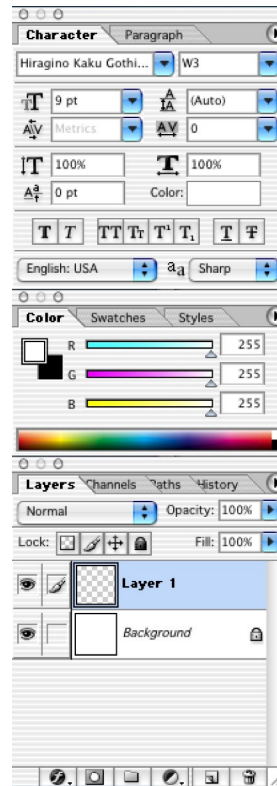
Image size and Resolution

Image Size

Pixel Dimensions: 2.77M
Width: 880 pixels
Height: 1100 pixels

OK
Cancel
Auto...

Print Size:
Width: 12.222 inches
Height: 15.278 inches
Resolution: 72 pixels/inch

☑ Constrain Proportions
☑ Resample Image: Bicubic

Canvas Size

Current Size: 526K
Width: 5.278 inches
Height: 6.556 inches

OK
Cancel

New Size: 526K
Width: 5.278 inches
Height: 6.556 inches
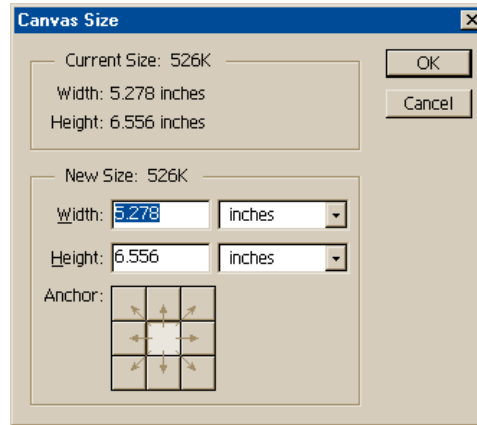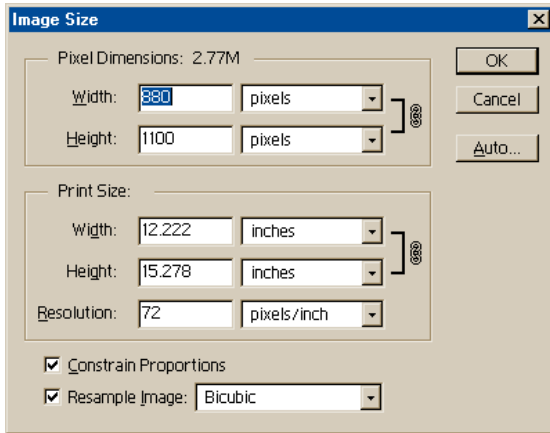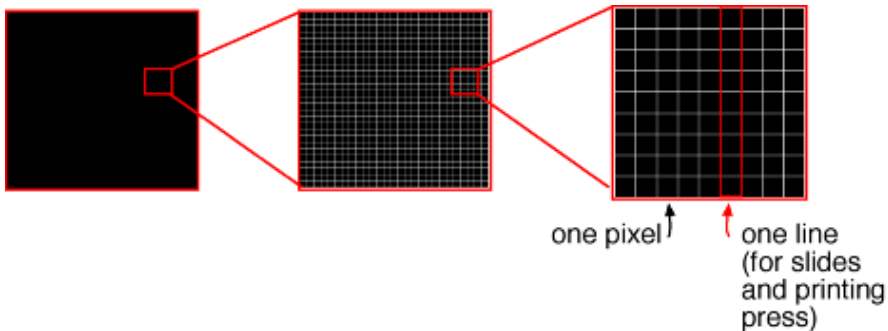Anchor:

Resolution can be measured in many ways:
1. Samples per inch (spi, scanners)
2. Pixels per inch (ppi monitors)
3 Dots per inch (dpi, printers)
4. Lines per inch (lpi, slides and printing press)

one pixel ↑   ↑ one line
(for slides
and printing
press)

More pixels in a given area will give you a smoother, more detailed image but it will also give you a much larger file.

Images in
Photoshop
are made up
of units called
pixels.

Resoloution
is measured in
pixels or dots
per inch (ppi) or
(dpi).

Choosing a resolution depends on how you will use your image. 300 dpi is safe for most printing, while web images are only 72 dpi.