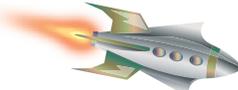# exercise::14
Image Optimization

Names: _____

Instructions ::
In **groups of two,** prepare the provided images for use on a website by performing the following steps:

1. Optimize the image using Photoshop's **Save for Web...** (Command-Option-Shift-S), making decisions about file type and compression level.

   o Read the intended use size for each image, calculate the optimal pixel dimensions for that use case, then either rasterize the image (in the case of vector images) or resize the original to the target size (for raster images). **Write in the final width of any image your resize.**

   o Take note the **settings that you used** (either # of colors for PNG-8, or compression percentage for JPEG) and write them in to correct column.

   o **Preserve transparency** whenever you can.

   o For PNG, if you decided to use PNG-24 instead of PNG-8, simply write *PNG-24* instead of the number of colors.

2. Document the **resulting image file size** (in Kilobytes).

3. Save your optimized files to a folder titled `lastname_lastname_exercise14`, and save it to the class folder on Google Drive. Be sure to also turn in this completed worksheet. This exercise is due by the end of class today.

Image	Intended Use Width on Desktop Browsers / *Write in Final Width*	File Type (Select one)	# of PNG-8 Colors *or* PNG-24 *or* JPEG %	Original File Size	Resulting File Size
01_Bad_Fortunes.psd	600px	PNG JPG		72,500 KB	KB
02_Train_Station.psd	1,110px	PNG JPG		21,000 KB	KB
visual communications 03_VC Logo Two Color.ai	350px	PNG JPG		746 KB	KB

04_Waterfront_Blues.psd	No resizing needed (442px)	PNG JPG		181 KB	KB
05_Corn_Icon.pdf	150px	PNG JPG		394 KB	KB
06_Layered_Map.ai	750px	PNG JPG		362 KB	KB
07_Image_Size_Screenshot.psd	600px	PNG JPG		3,700 KB	KB
08_Orphans_Fund_Header.psd	*No resizing needed* (793px)	PNG JPG		562 KB	KB
09_Gate.psd	325px	PNG JPG		71,800 KB	KB
10_Vector_Flowers.ai	750px	PNG JPG		1,600 KB	KB
11_Rocketship.eps	475px	PNG JPG		479 KB	KB
12_5k_iMac.psd	*No resizing needed* (531px)	PNG JPG		989 KB	KB

— Image Optimization Exercise —