

Using a Proportional Scale Wheel.

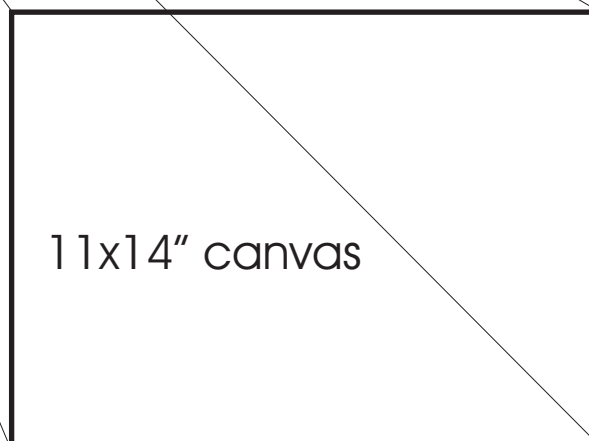
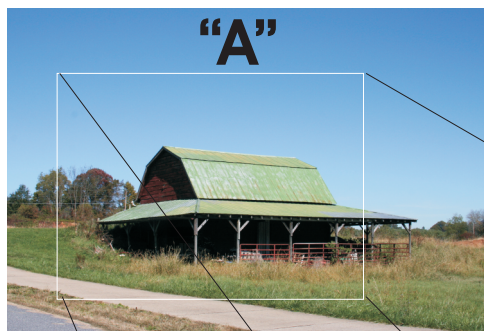
The wheel consists of an "outer wheel", an "inner wheel" and a "viewing window". Forget about the "viewing window".

If you know the size of the canvas and want to scale a part of your image to fit "proportionably" on the canvas... (see "A").

Example: 11x14" canvas

Measure the length or width of the desired area you want in your painting. See Illustration A. Write this information down on a sheet of paper like this.

11x14
5 x ?



If you said this out loud, you would say, "11 is to 5 as 14 is to what"?

Find the numbers 11 and 14 on outer circle of your proportional scale. Turn the smaller circle, the inner circle, until the 5 is under the 11. Pan over to the 14 on the outer circle, then look at the number below the 14. That number is the answer to ?

It works in reverse, too!

You know the cropped image size you want to stretch a canvas to fit your image.

Example: Your image is 5x7"

and you want to stretch a canvas *around* 16x20, or so. On a sheet of paper write down this information like this.

5x7
16x?

Find the numbers 5 and 7 on the outer wheel. Then turn the inner wheel to where 16 is below the 5 on the outer wheel. Now pan across the outer wheel to the 7. Look at the number below the 7. That is answer to ?. You need to stretch a canvas. 16x23.5".

outer wheel



inner wheel