**Question 2 – Image Sizes**

Since the design layout only supports images with 12 pixel wide increments, it follows that the width of a supported image must be , where . Given that the height is unrestricted, is just the image height in pixels. To find compatible images size, we can pick an integer value for and solve for .

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Since must be an integer as well, we must choose to be a multiple of 4.

1200x675, 96x54, and 144x81 are three examples of image sizes with the correct ratio.