* **A1**
  1. How many bits does it take to represent the values from 0 to 255?
     + 8
  2. How many bytes does it take to represent a color in the RGB color model?
     + 3
  3. How many pixels are in a picture that is 640 pixels wide and 480 pixels high?
     + 640 \* 480 = 307200 pixels
* **A2**
  1. How can you make pink (provide an RGB value)?
     + 255,166,255
  2. How can you make yellow (provide an RGB value)?
     + 255,255,0
  3. How can you make white (provide an RGB value)?
     + 255,255,255
  4. How can you make dark gray (provide an RGB value)?
     + 50, 50, 50
* **A3**
  1. What is the row index for the top left corner of the picture?
     + 0
  2. What is the column index for the top left corner of the picture?
     + 0
  3. The width of this picture is 640. What is the right most column index?
     + 639
  4. The height of this picture is 480. What is the bottom most row index?
     + 479
  5. Does the row index increase from left to right or top to bottom?
     + Top to Bottom
  6. Does the column index increase from left to right or top to bottom?
     + Left to Right
  7. Set the zoom to 500%. Can you see squares of color? This is called pixelation. Pixelation means displaying a picture so magnified that the individual pixels look like small squares.
     + Yes I can see squares of color