

1. How many bits does it take to represent the values from 0 to 255?

It takes 8 bits

2. How many bytes does it take to represent a color in the RGB color model?

It takes 3 bytes

3. How many pixels are in a picture that is 640 pixels wide and 480 pixels high?

307,200

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?

The row is from top to bottom

6. Does the column index increase from left to right or top to bottom?

the columns go right to left