**A1: Introduction to digital pictures and color**

1. 8 bits
2. 4 bytes (RGB + Transparency) // because of the alpha channel
3. 307200 pixels

**A2: Picking a color**

1. java.awt.Color[r=255,g=172,b=227]
2. java.awt.Color[r=255,g=255,b=29]
3. java.awt.Color[r=142,g=0,b=255]
4. java.awt.Color[r=255,g=255,b=255]
5. java.awt.Color[r=48,g=48,b=48]

**A3: Exploring a picture**

*Questions*

1. Row index is 0
2. Column index is 0
3. Column index is 639
4. Row index is 479
5. Row index increases from top to bottom
6. Column index increases from left to right
7. Yes, one can see squares of pixels

*Exercises*

1. ✓
2. ✓

**A4: Two-dimensional arrays in Java**

1. ✓
2. ✓
3. ✓