

## AP CSP

### Unit 2 – Part 1 – Review

Name: \_\_\_\_\_

#### 1. Vocabulary:

- Byte –
- Heuristic –
- Lossless Compression –
- Lossy Compression –
- Image –
- Metadata –
- Pixel –
- RGB –

2. What are bytes, megabytes, kilobytes, and gigabytes? What are examples of files types that are measured in this unit?
3. How are black and white vs. color images encoded differently?
4. What is compression a difficult task?
5. Why is it helpful to use hexadecimal numbers to represent colors?
6. What is the key difference between lossy and lossless compression?
7. What is the difference between the file formats JPG and PNG?