4096 2048 1024 512 256 128 64 32 16 8 4 2 1

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

a. 34

32+2=34

**a = 00100010**

b. 5678

4096+1024+512+32+8+4+2=5678

**b = 0001011000101110** (2 bytes)

c. 256

256=256

**c = 0000000100000000** (2 bytes)

d. 16

16=16

**d = 00010000**

e. 8

8=8

**e = 00001000**