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1. Consider the following binary sequence. Based on your knowledge of digital data, what could this binary sequence represent? (There are no errors or tricks in the converted answers)

00100001 01000100 00110001

- (A) The text: !D1
- (B) The RGB Color Code (33, 68, 49)
- (C) Instructions written in machine language
- (D) None of these three things

(E) All three of these things



2. Deion is working on a graphic design assignment in his Marketing Class, and he is trying to find the perfect shade of Emerald Green to use as a background. Which color code would you recommend?

- (A) 15, 82, 186
- (B) 160, 48, 18

(C) 48, 198, 61



(D) 141, 150, 163

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Consider this image of Grace Hopper, a pioneer in computer science and one of Mrs. Wright's heroes. This image is 400 pixels by 480 pixels, and contains a total of 192,000 pixels.



3. How many bytes are required to store the RGB color codes of this image of an amazing lady.

(A) There is not enough information provided to determine ✓

(B) 480

(C) 192,000

(D) 576,000

(E) Over 16 million
