CS 4390: HW 3

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1 Data rate problem

It is desired to send a sequence of computer screen images over optical fiber. The screen is 3840×2160 pixels, each pixel being 24 bits. There are 60 screen images per second. What data rate is needed?

 $Data\ Rate = \frac{Number\ of\ bits}{Bits\ per\ second}$

In this case, the solution is

 $\mathbf{2}$

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