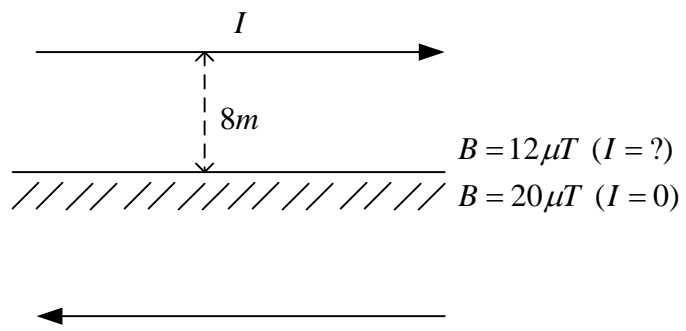


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$$\text{total } B = \left(\frac{\mu_0 I}{2\pi(8)} \right) \times 2 = 8\mu T$$

$$I = 320A$$