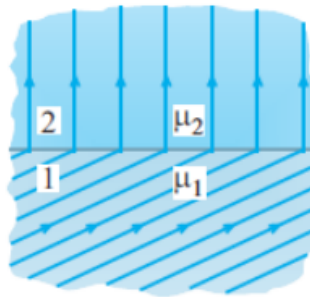


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*Refraction of magnetic field lines.* Fig. Q5.3 shows magnetic field lines near a boundary between two linear magnetic media that is free of conduction currents ( $\mathbf{J}_s = 0$ ). Which of the two media has higher permeability?



**Figure Q5.3** Refraction of magnetic field lines at an interface between two magnetic media, with  $\mathbf{J}_s = 0$ ; for Question 5.11.

- (A) Medium 1.
- (B) Medium 2.
- (C) Need more information.

*Solution:* (A)

*Answer:* (A)