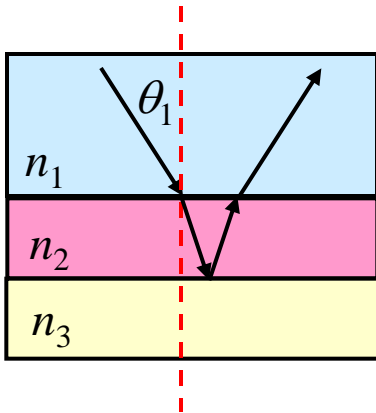


Follow-Up



A ray of light moves through a medium with index of refraction n_1 and is incident upon a second material (n_2) at angle θ_1 as shown. This ray is then totally reflected at the interface with a third material (n_3). Which statement must be true?

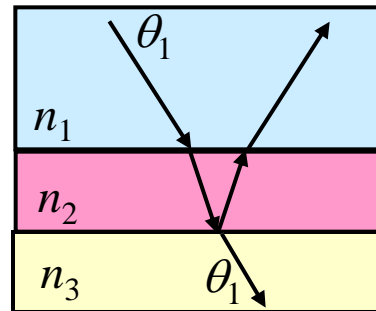


A) $n_3 < n_1$

B) $n_1 < n_3 \leq n_2$

C) $n_3 \geq n_2$

If $n_1 = n_3$



Want larger angle of refraction in n_3



$n_3 < n_1$