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L11.4 Finite square well. Setting up the problem.

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3.44π 2nd point:  $ka = 4\pi$  Then  $E_7 = 17.799$  eV  
 $E_8 = 24.066$  eV so  $\Delta E = 6.27$  eV  
 $3.10 \sin \alpha \cos \alpha + \alpha = ka$  Forbidden energy bands  
(a)  $ka = \pi \Rightarrow \cos ka = -1$  1st point ...

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