

$$p(\text{correct}) = 0.5$$

correct  $\Rightarrow$  2 / incorrect  $\Rightarrow$  2

**score = 2**



best question to ask



**score = 2.73**

$$p(\text{correct}) = 0.27$$

correct  $\Rightarrow$  2 / incorrect  $\Rightarrow$  3