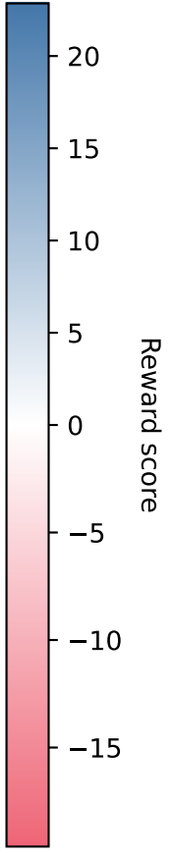
Question:

John has 2 houses with 3 bedrooms each. Each bedroom has 2 windows each. There are an additional 4 windows in each house not connected to bedrooms. How many total windows are there between the houses?

Reasoning + Answer:

<think> John has 2 houses with 3 bedrooms each, for a total of (2 x 3) x 2 bedrooms = 12 bedrooms There are 12 bedrooms * 2 windows = 24 windows for bedrooms in each house There are 24 windows for bedrooms in each of 2 houses so there are (2 * 24) window = 48 bedroom windows total . Each house has an additional 4 windows not connected to the bedrooms so (2 houses * 4 windows) = 8 more windows Each house has two of those windows so 16 windows There are 16 windows so far - 48 bedroom windows + 16 , in total there are 32 windows 48 bedroom windows + 32 windows not in bedrooms = 80 windows in 2 house </think> <answer> 80 </answer>