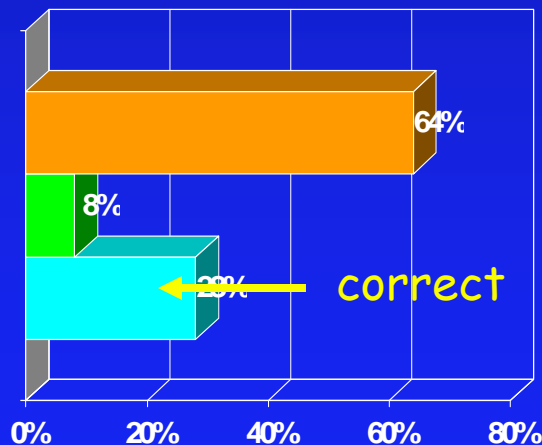


Preflight 1

On a cool night you make your bed with a thin cotton sheet covered by a thick wool blanket. As you lay there all covered up, heat is leaving your body, flowing through the sheet and the blanket and into the air of the room. Compare the amount of heat that flows through the sheet to the amount of heat that flows through the blanket.

1. More heat flows through sheet than through the blanket.
2. More heat flows through blanket than through the sheet.
3. The same amount of heat flows through sheet as the blanket.



The area between the sheet and the blanket is not getting hotter or colder. The same amount of heat flows.