

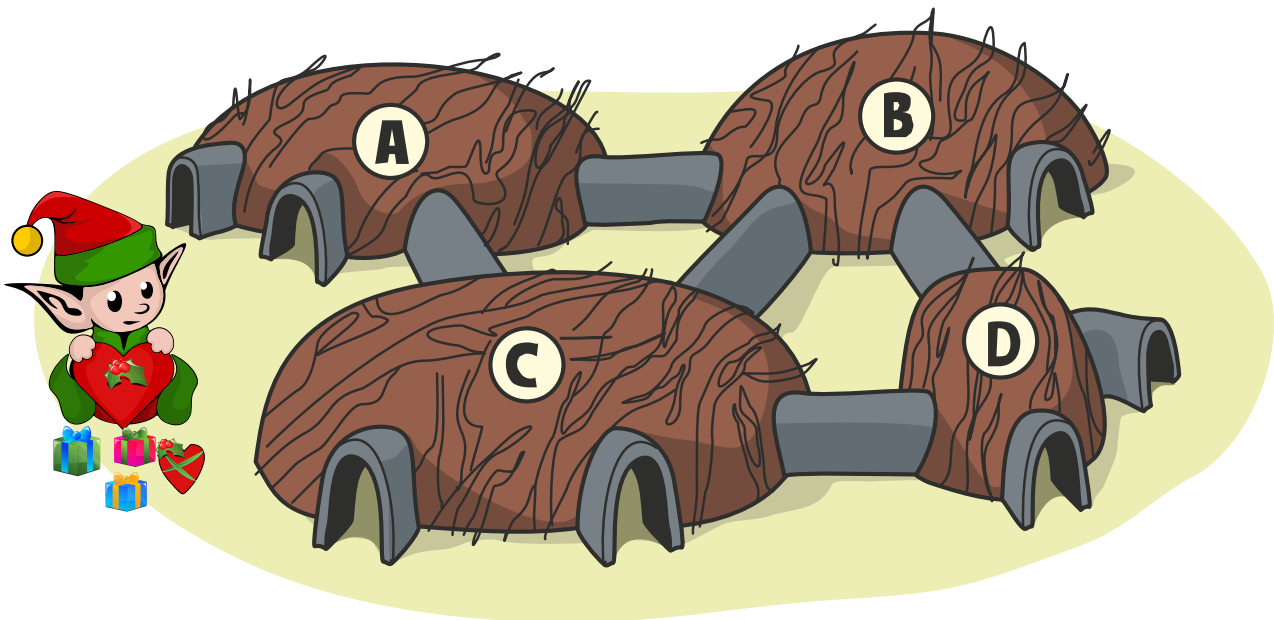


Hiding presents



A beaver family has built a lodge with 4 rooms and 5 tunnels connecting rooms as shown. There are also 7 doorways to the outside.

As Christmas is coming, Eddie Elf is hiding 12 presents for the beaver children, one in each doorway and one in each tunnel. He knows that it is possible to start in one of the rooms and run along a path that goes through each of the doorways and tunnels once, without going through any doorway or tunnel twice. Eddie also has a Christmas card for the beaver family. He leaves the card in the room that he enters after dropping off the last present.



QUESTION

In which room will Eddie Elf leave the card after passing through each tunnel and doorway in the lodge? He starts from the outside and will not go through any doorway or tunnel twice.

- A. Room A
- B. Room B
- C. Room C
- D. Room D

Bonus question to think about:
Does it matter which doorway Eddie goes in first?