Q1

Consider two tables Dorm(name,address), Student(name,dormName,roommateName). Suppose some students live in single rooms (roommateName is NULL) and no dorms are empty. Which of the following referential integrity constraints does NOT hold?

○ Student.dormName to Dorm.name

○ Dorm.name to Student.dormName

◉ Student.name to Student.roommateName

○ Student.roommateName to Student.name

Explanation

Answer 1 says every student's dorm exists. Answer 2 says every dorm has at least one student. Answer 3 says every student is some other student's roommate (not required). Answer 4 says every roommate is an actual student.