



Lapland airport scheduling



Christmas season is a very busy time at Lapland airport.

When aircraft land or take off from the airport they are assigned corridors to avoid accidents. Corridors are designated airspaces which separate each aircraft.

Aircraft cannot have the same corridor if they are landing or taking off within 15 minutes of each other.

For example:

If a flight is landing or taking off at 6:10, it cannot be assigned the same corridor as a flight landing or taking off at 6:25, but can be assigned the same corridor as a 6:26 flight.



You are the Air Traffic Controller at the airport today and it is your job to ensure that flights that are within 15 minutes of each other are assigned to different corridors.

Lapland airport timetable for Christmas Eve arrivals and departures:

Flight	Arrivals
9W2400	7:00
SG147	7:12
AI620	7:18

Flight	Departures
EK427	7:03
AI561	7:20
9W1321	7:21

QUESTION

What is the minimum number of corridors needed for the Christmas Eve flights?

- A. 3
- B. 4
- C. 5
- D. 6

