

Epreuve 5 : La machine à bonbons



On Monday morning an automatic vending machine for sweets was set up at a skating rink: there were 45 packets of sweets in it. On the Monday 8 people bought one packet each.

Every evening after the rink closes 10 packets of sweets are put in to the machine.

Every day 4 more people buy a packet of sweets than did so the day before.

On what day will there no longer be enough packets of sweets for all the customers? Justify your answer.