



Do not write  
outside the  
box

8 Lena is at the gym.

8 (a) She will use each of these pieces of equipment once.

Rowing machine (R)

Stepper (S)

Treadmill (T)

Bike (B)

Lena will use the rowing machine **first**.

List all the possible orders in which she could use the four pieces of equipment.

**[2 marks]**



**8 (b)**

Rowing machine	15 minutes
Stepper	13 minutes
Treadmill	35 minutes
Bike	1 hour 30 minutes

Lena starts on the rowing machine at 1.50 pm

She has a break for 4 minutes between pieces of equipment.

What time does she finish on her last piece of equipment?

**[3 marks]**

[illegible]

Answer