

76.1 PS



- 1) Amber, Ollie and Lexi are doing a sponsored walk. They set off together. Amber takes 6 minutes and Ollie takes 8 minutes to complete a lap. Assuming they don't change their walking speeds, after how long will they first cross the start line together?

If it takes two hours before all three of them cross the line together, what is the shortest possible time that Lexi takes to walk a lap?

- 2) Daniel has some containers that hold water. He has five bottles that hold 330ml each and he has also has four two-litre bottles. How much water, in litres, does he have altogether?

- 3) Zaara says that the point $(5 , 24)$ lies on the line $y = 5x - 1$
Is she correct?
Huxley says that the point $(12 , 100)$ is above that line.
Is he correct?