

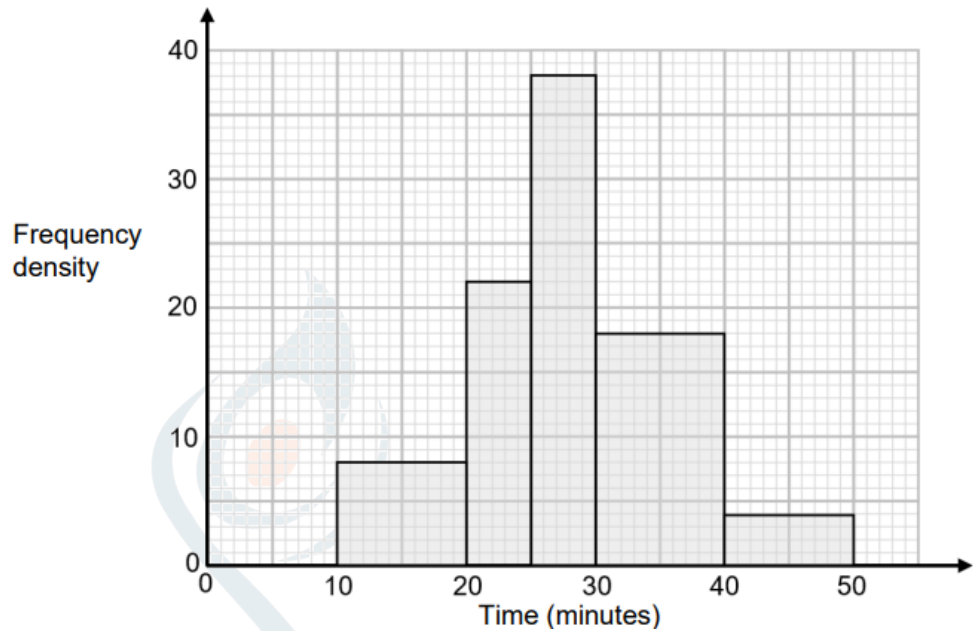
Name - _____

Start time - __ : __

End time - __ : __

Solve the following questions :

The histogram shows information about the finish times of some runners at a 5 km race.



- Runners who ran faster than the qualifying time win entry to the next race. 10% of the runners ran faster than the qualifying time. Work out an estimate for the qualifying time.
- Sam was the 102nd person to complete the race. Work out an estimate for Sam's average speed in metres per second. Give your answer to 3 significant figures.

The histogram shows information about the amount of fizzy drink consumed per day by some Year 9 students in a particular city.

In the city there are 12,000 Year 9 students. Estimate how many of the students in the city consume more than 800 ml of fizzy drink per day.

