



Simplify

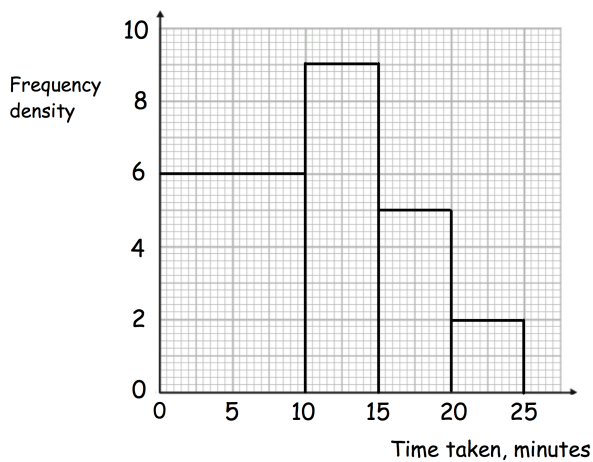
$$\sqrt{245}$$

A field is 3 metres longer than wide.

The width of the field is x metres.

The area of the field is 20m^2

Find x .

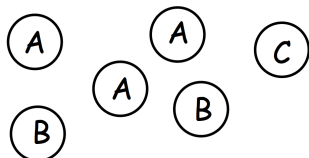


Complete the frequency table

Time taken, minutes	Frequency
$0 < t \leq 10$	
$10 < t \leq 15$	
$15 < t \leq 20$	
$20 < t \leq 25$	

The histogram shows information about the time taken to travel to school by students.

Work out an estimate of the number of students that take under 5 minutes to travel to school.



Calculate the probability that the two discs removed have the **same** letter

A game is played where a disc is removed, the letter noted and it is **replaced**. Then another disc is removed and the letter noted.