

# Histograms (B)

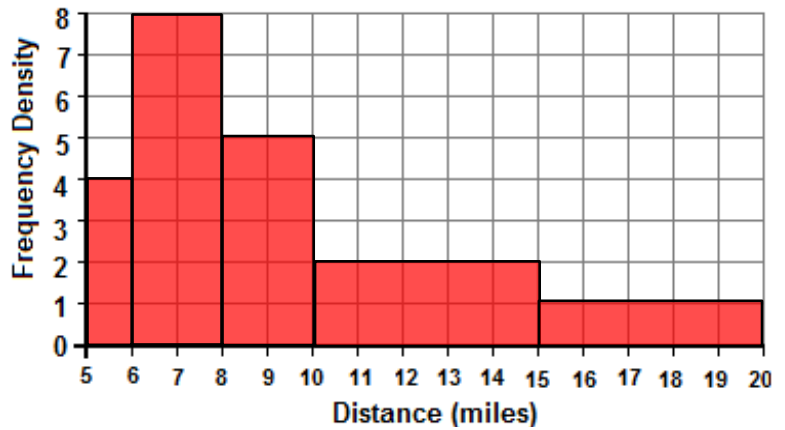
## ANSWERS



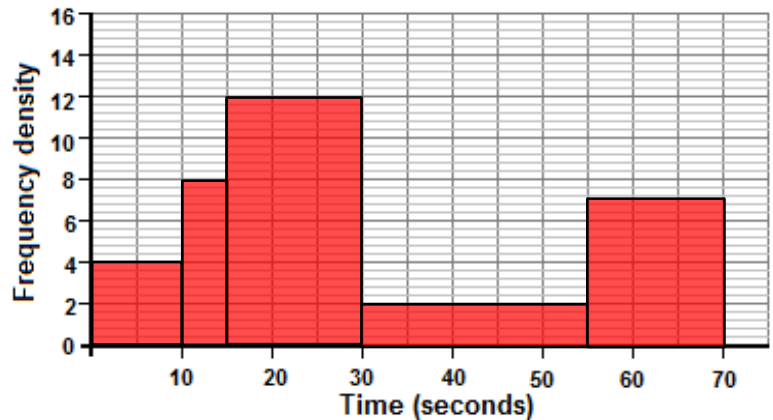
### Section A

Draw a histogram for the data in each grouped frequency table.

Distance, d (miles)	Frequency	Frequency density
$5 < d \leq 6$	4	4
$6 < d \leq 8$	16	8
$8 < d \leq 10$	10	5
$10 < d \leq 15$	10	2
$15 < d \leq 20$	5	1



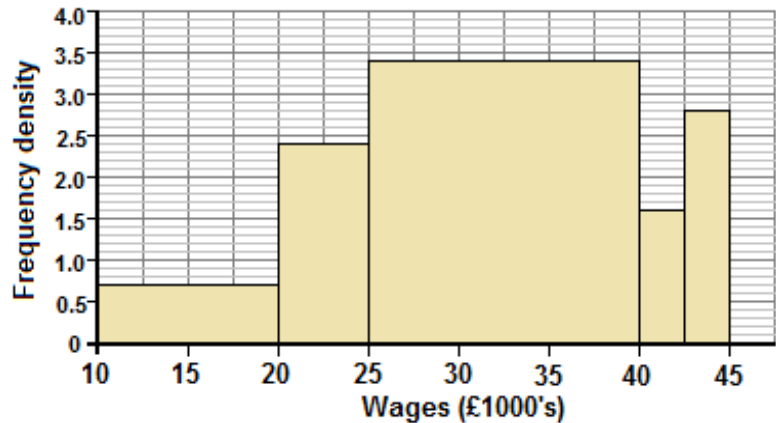
Time, t (seconds)	Frequency	Frequency density
$0 \leq t < 10$	40	4
$10 \leq t < 15$	40	8
$15 \leq t < 30$	180	12
$30 \leq t < 55$	50	2
$55 \leq t < 70$	105	7



### Section B

Complete **all** the missing information in each grouped frequency table.

Wages, w (£1000's)	Frequency	Frequency density
$10 \leq w < 20$	7	0.7
$20 \leq w < 25$	12	2.4
$25 \leq w < 40$	51	3.4
$40 \leq w < 42.5$	4	1.6
$42.5 \leq w < 45$	7	2.8



Speed, s (km/h)	Frequency	Frequency density
$80 \leq s < 100$	52	2.6
$100 \leq s < 140$	24	0.6
$140 \leq s < 150$	50	5.0
$150 \leq s < 170$	124	6.2
$170 \leq s < 210$	176	4.4

