

Cumulative Frequency Match

- Cut out and match each cumulative frequency graph below with the correct frequency table, cumulative frequency table and statistics card.



Frequency table:

Time (in s)	Frequency
$0 < t \leq 10$	7
$10 < t \leq 20$	11
$20 < t \leq 30$	13
$30 < t \leq 40$	7
$40 < t \leq 50$	2

Frequency table:

Time (in s)	Frequency
$0 < t \leq 10$	4
$10 < t \leq 20$	8
$20 < t \leq 30$	13
$30 < t \leq 40$	9
$40 < t \leq 50$	6

Frequency table:

Time (in s)	Frequency
$0 < t \leq 10$	4
$10 < t \leq 20$	5
$20 < t \leq 30$	13
$30 < t \leq 40$	12
$40 < t \leq 50$	6

Cumulative frequency table:

Time (in s)	Cumulative Frequency
$t \leq 10$	4
$t \leq 20$	12
$t \leq 30$	25
$t \leq 40$	34
$t \leq 50$	40

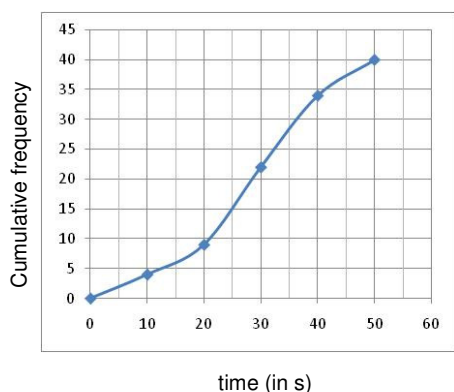
Cumulative frequency table:

Time (in s)	Cumulative Frequency
$t \leq 10$	4
$t \leq 20$	9
$t \leq 30$	22
$t \leq 40$	34
$t \leq 50$	40

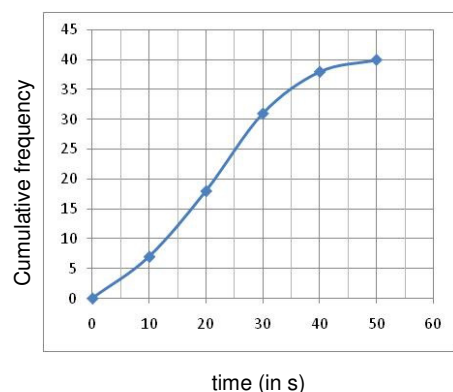
Cumulative frequency table:

Time (in s)	Cumulative Frequency
$t \leq 10$	7
$t \leq 20$	18
$t \leq 30$	31
$t \leq 40$	38
$t \leq 50$	40

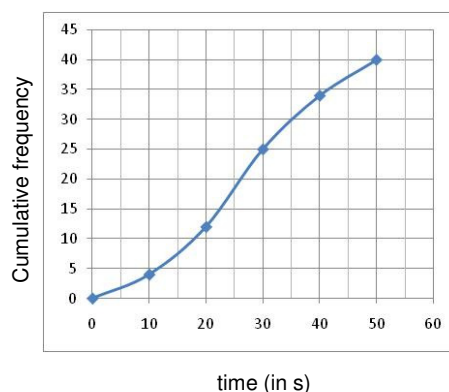
Cumulative frequency graph:



Cumulative frequency graph:



Cumulative frequency graph:



Statistics:

Median = 22 s

Lower quartile = 13 s
Upper quartile = 29 s

Inter-quartile range = 16 s

Statistics:

Median = 26 s

Lower quartile = 18 s
Upper quartile = 35 s

Inter-quartile range = 17 s

Statistics:

Median = 28 s

Lower quartile = 21 s
Upper quartile = 36 s

Inter-quartile range = 15 s