

1. Here are the ages, in years, of 15 users of a skate park.

6 7 7 8 9 9 11 12 13 14 15 16 17 17 19

(a) Complete this table.

	Age
Youngest	
Lower quartile	
Median	
Upper quartile	
Oldest	

(b) Work out the range.

..... years

(c) Work out the interquartile range.

..... years

2. Here are the times spent, in minutes, by 19 people on their journey to work one day.

7 11 13 21 22 25 27 29 33 38
41 43 45 49 52 57 59 63 78

(a) Complete this table.

	Time(minutes)
Shortest time	
Lower quartile	
Median	
Upper quartile	
Longest time	

(b) Work out the range.

..... minutes

(c) Work out the interquartile range.

..... minutes

Answers

1. (a) Min: 6
LQ: 8
Med: 12
UQ: 16
Max: 19

(b) range 13 years
(c) IQR 8 years
2. (a) Min: 7
LQ: 22
Med: 38
UQ: 52
Max: 78

(b) range 71 minutes
(c) IQR 30 minutes