1 (a) 12.17   (b) 1.83

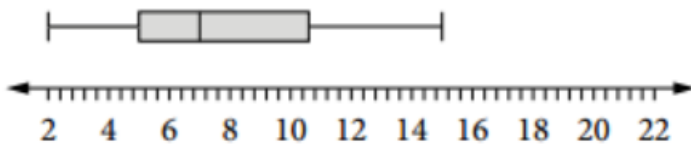**2** (a) 4

(c) 2

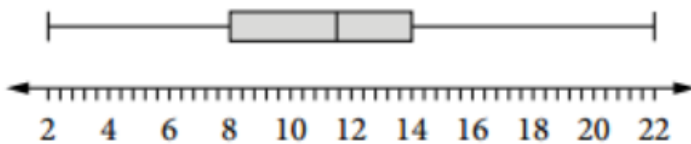**3** (a) The median is the interval 13.5–<14

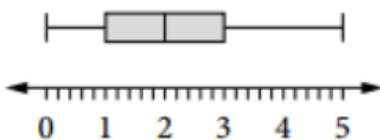**4** (a) 4   (b) 3 and 5

6 (a) 13   (b) 11

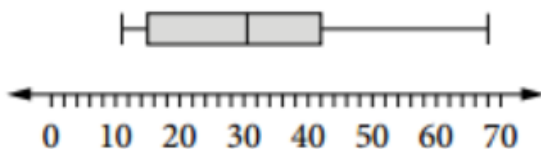**7** (a) Minimum = 2, Q_1 = 5, Median Q_2 = 7, Q_3 = 10.5, Maximum = 15

(b) Minimum = 2, Q_1 = 8, Median Q_2 = 11.5, Q_3 = 14, Maximum = 22

8 (a) Minimum = 0, Q_1 = 1, Median Q_2 = 2, Q_3 = 3, Maximum = 5, IQR = 2, Range = 5

(c) Minimum = 11, Q_1 = 15, Median Q_2 = 30.5, Q_3 = 42, Maximum = 68, IQR = 27, Range = 57

9 (a) 1 and 2   (b) No outliers

13 C

14 6

17 (a) Values below −16.5 or above 67.5 would be considered outliers.
(c) Values below 2 or above 10 would be considered outliers.