

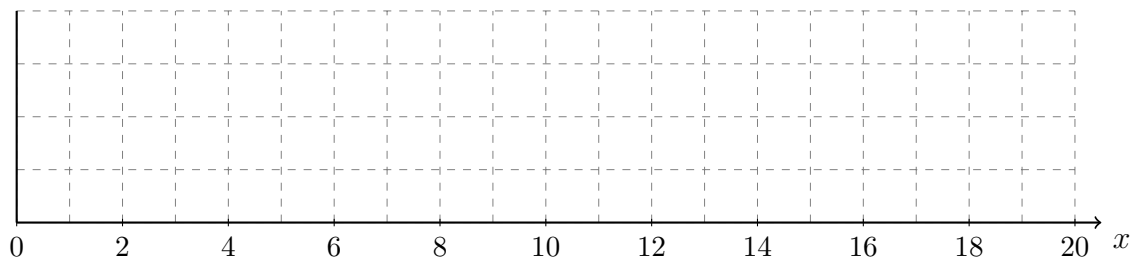
### 6.12 Quiz: Box and whisker plots

1. Find the mean of the following set of numbers:

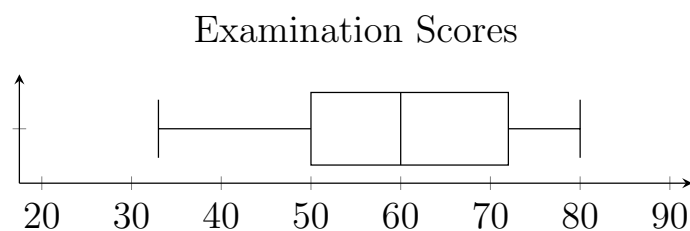
9, 10, 14, 15, 17

2. Draw a box and whiskers plot of the five-figure summary on the grid. Use a ruler for full credit.

$\min = 4$ ,  $Q_1 = 6$ , median = 10,  $Q_3 = 12$ , maximum = 17



3. The box-and-whisker plot represents the examination scores of a group of students.



- (a) Write down each value:

i. median =

ii.  $Q_1 =$

iii. max =

The range of the scores is 47 marks, and the interquartile range is 22 marks.

- (b) Find the value of

i. the minimum score;

ii. the third quartile.