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1. Seyda has a summer job at a restaurant doing valet parking.

She records the estimated values of the 23 cars she parks one night.

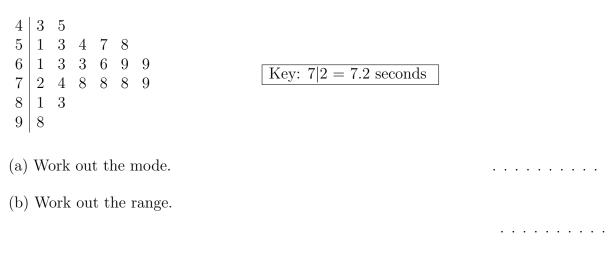
The stem and leaf diagram gives information about the values, of the cars.

0 3 51 $0 \ 1$ 258 2 $2 \ 3 \ 5 \ 6 \ 7 \ 9$ 3 Key: $3|8 = \pounds 38\ 000$ 1 4 8 8 4 $2 \ 3 \ 7$ 558 7 6

(a) Work out the median.

A car is chosen at random.

- (b) Work out the probability that Seyda's estimate of the car's value is over £45 000
- 2. Ms Davies timed how long it took for her year 10 class to get out and open their planners. The stem and leaf diagram shows the data for her 22 students.



3. The stem and leaf diagram gives information about the volume, in millilitres, of the wine in 15 glasses.

Key: 3|1 = 350 millilitres

Work out the median.

Answers: 1 a) £27 000 b) $\frac{4}{23}$ 2 a) 7.8 seconds b) 5.5 seconds 3) 250 ml