Name: _____

1. Under each set of numbers below construct a boxplot clearly showing the median, Q_1, Q_3, smallest number and largest number.

(a) 4, 6, 8, 11, 13, 16, 18, 20, 23, 28, 29

(b) 9, 13, 16, 18, 19, 21, 21, 25, 26, 27

(c) 21, 23, 25, 26, 28, 29, 30, 33, 35, 37, 38, 40

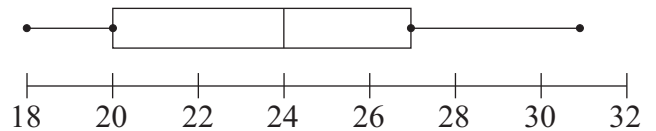(d) 26, 19, 37, 25, 30, 18, 27, 39, 21, 33

2. State the interquartile range for each boxplot from question 1.

(a) ☐   (b) ☐   (c) ☐   (d) ☐

3. For the data shown in this stemplot construct a boxplot clearly showingthe median, Q_1, Q_3, smallest number and largest number.

Stem	Leaf
1	4 5 7 7 9
2	2 3 4 5 5 8 9
3	0 1 3 3 5 7 9
4	0 1 2 2

4. The boxplot below shows the number of cars that passed over a point in a road every minute.

From this data:
(a) What was the most number of cars that passed over the point in the road in a minute? ☐
(b) What was the least number of cars that passed over the point in the road in a minute? ☐
(c) What was the median number of cars that passed over the point in the road in a minute? ☐