

Stem and Leaf diagram

Name: _____ Class: _____ Date: _____

Mark / 6 %

1) Complete the stem and leaf diagram using the following data [1]

82 62 60 97 97 89 85 82 73 79

75 61 68

Key: 6 | 0 = 60

6	0 1 2 8
7	3 5 9
8	
9	7 7

2) Complete the stem and leaf diagram **and** the key using the following data [1]

52 47 48 37 34 51 68 69 48 66

52 58 61 46 52 47 55 36

Key: 3 | 4 =

3	4 6 7
4	6 7 7 8 8
5	
6	1 6 8 9

3) Complete the stem and leaf diagram **and** the key using the following data

[1]

35 51 25 25 52 51 58 29 55 30
51 47

Key: 2 | 5 =

2	
3	
4	
5	

4) The stem and leaf diagram below shows the number of goals scored by each player in a football team over the last 3 years.

Key: 1 | 3 = 13

1	3 7 9
2	0
3	2 9
4	0 1 2 4 5 9

What was the range of the number of goals scored?

goals

[1]

5) The stem and leaf diagram below shows the age, in years, of members of a badminton club.

[1]

Key: 1 | 1 = 11

1	1
2	3 3 5 6 9
3	4 7 8 9
4	2 3 4 4 5 9

What was the median age?

years

6) The stem and leaf diagram below shows the age, in years, of members of a football club.

[1]

Key: 2 | 1 = 21

2	1 6 7 7
3	3 4 9
4	0 1 4 5 7
5	7 8

What was the mean age, to the nearest whole year?

 years

Solutions for the assessment Stem and Leaf diagram

1) 2 2 5 9

2) 1 2 2 2 5 8
Key: 3 | 4 = 34

3) 5 5 9

0 5

7

1 1 1 2 5 8

Key: 2 | 5 = 25

4) 36

5) 37.5

6) 39