



Name: \_\_\_\_\_



Represent the following values in a stem and leaf diagram:

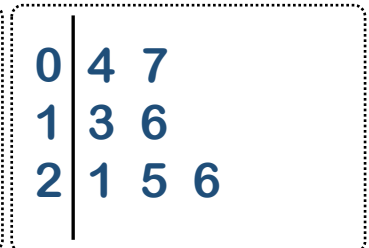
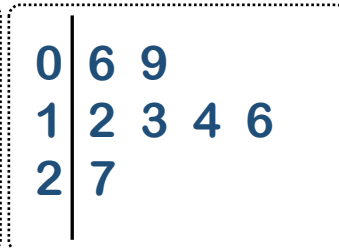
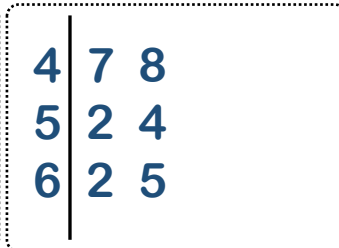
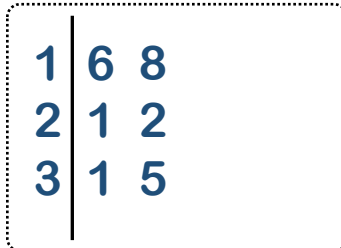
Key :  
2 | 3 = 23

a) 22, 21, 16, 35, 18, 31

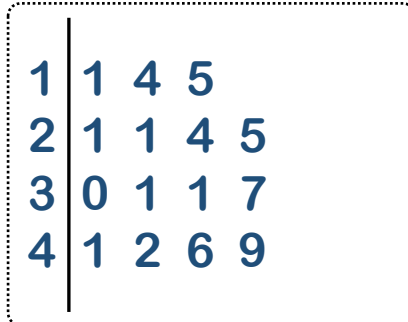
b) 65, 52, 47, 62, 48, 54

c) 12, 9, 14, 6, 16, 27, 13

d) 7, 16, 4, 26, 21, 13, 25

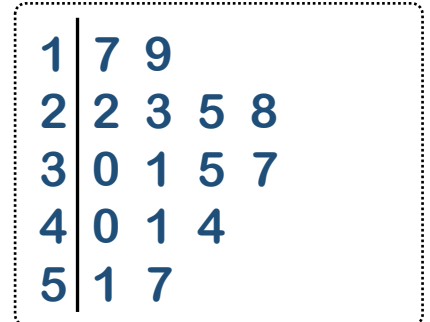


e) 25, 21, 37, 30, 41, 24, 31, 11, 42, 21, 14, 15, 49, 31, 46



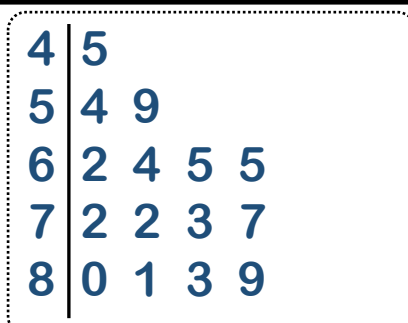
Key :  
2 | 5 = 25

f) 23, 28, 37, 41, 19, 31, 40, 17, 35, 30, 25, 22, 57, 44, 51



Key :  
2 | 3 = 23

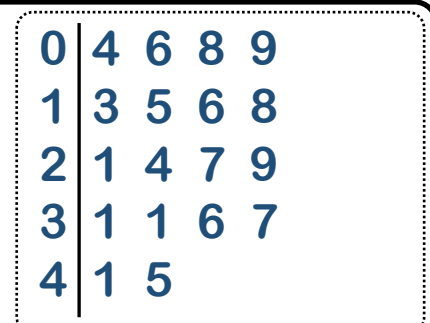
g) 89, 45, 64, 54, 62, 77, 83, 65, 80, 72, 65, 72, 81, 73, 59



Key :  
4 | 5 = 45

Range = 44

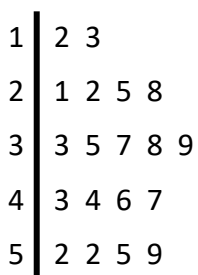
h) 6, 9, 15, 21, 16, 36, 29, 37, 13, 27, 24, 4, 31, 45, 41, 18, 31, 8



Key :  
1 | 3 = 13

Range = 41

i) Key : 1 | 2 = 12

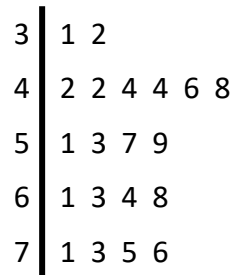


Median = 38

Mode = 52

Range = 47

j) Key : 3 | 1 = 31



Median = 55

Mode = 42 & 44

Range = 45

### Exam question:

June counted the number of letters in each of 19 sentences in a book. Her results are displayed in a stem and leaf diagram.

- a) How many sentences had more than 50 letters. **7**
- b) Work out the range. **42**
- c) Work out the median. **43**

Key : 2 | 3 = 23

