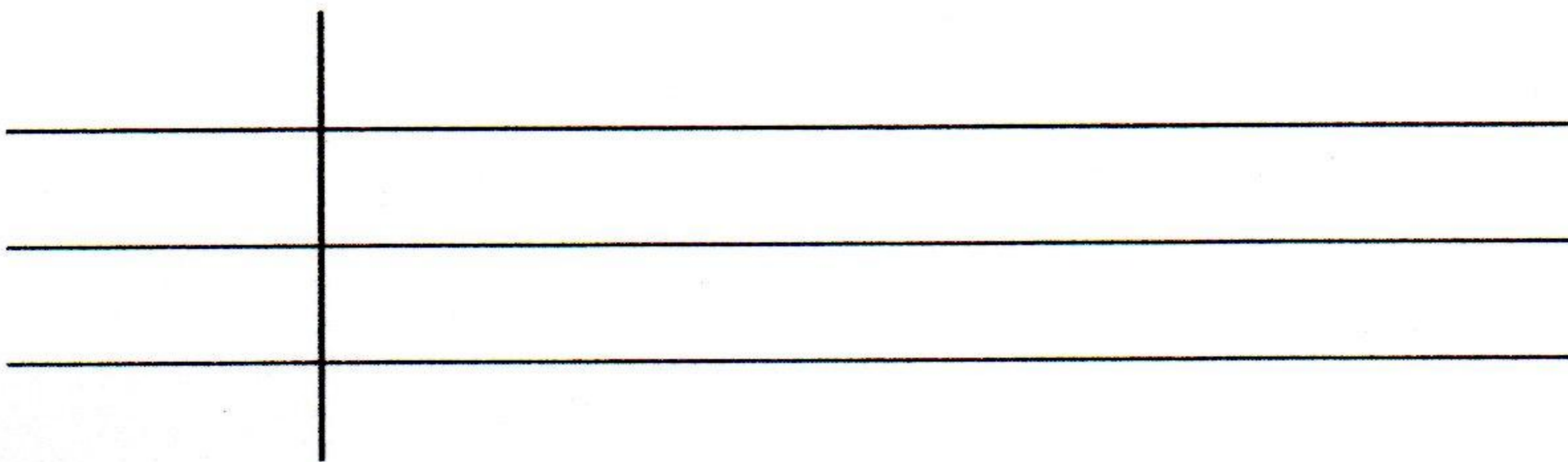


Stem leaf diagram

1) A gardener recorded the number of flower buds on each of 15 plants. Here are her results.

11	36	23	28	18
36	40	31	13	26
25	41	36	22	19

(a) Draw an ordered stem and leaf diagram for this information. You must include a key.

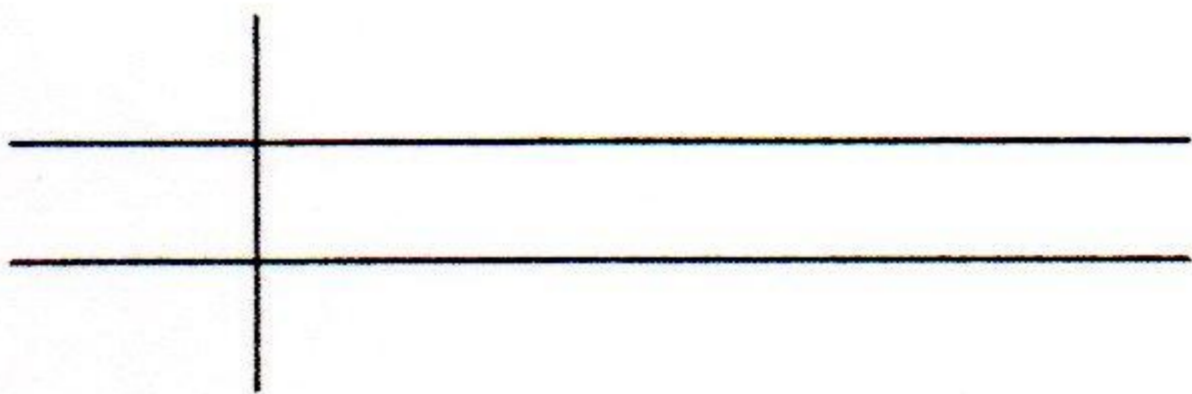


Key:

2) Here are the weights, in grams, of 16 eggs.

47	45	50	53	43	61	53	62
58	56	57	47	55	62	58	58

Draw an ordered stem and leaf diagram to show this information. You must include a key.

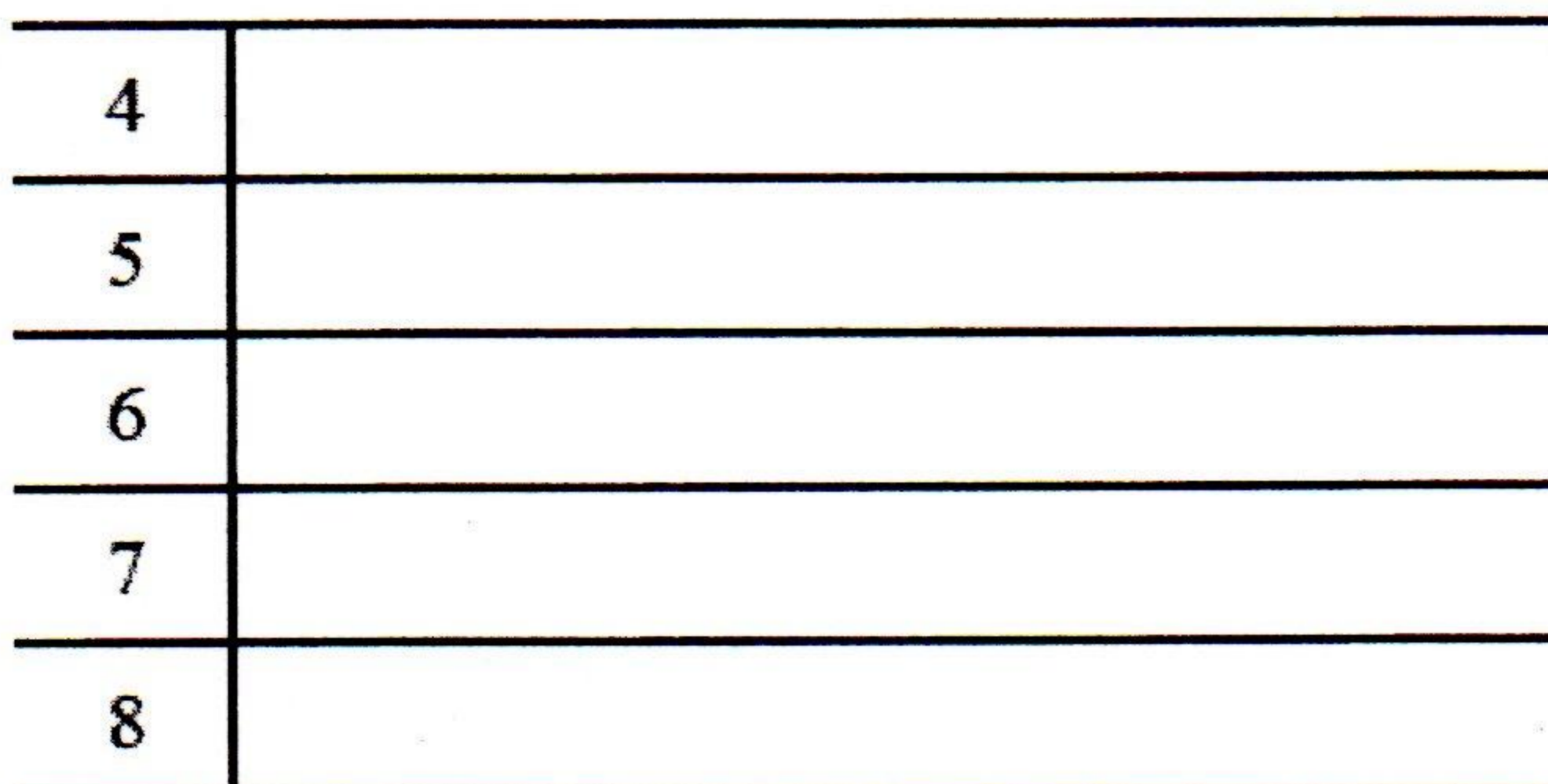


Key:

3) Zoe recorded the weights, in kilograms, of 15 people. Here are her results.

87	51	46	77	74	58	68	78
48	63	52	64	79	60	66	

Complete the ordered stem and leaf diagram to show these results.



Key:

4) Jane plays some games of ten-pin bowling.
Jane shows her score in each game in a stem and leaf diagram.

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

Key: 8 | 0 = 80

a. Find the range of her scores.

b. Find her median score.

c. Find the mode score.

5) Write key for this data.

Stem	Leaf
3	1 3 4 5 6
4	3 4 5 5
5	1 4 5 7

a. Find the range of her scores.

b. Find her median score.

c. Find the mode score.

6) Draw a back to back stem and leaf diagram to show result of a group of girls and a group of boys .

Girls: 52, 34, 58, 46, 41, 57, 47, 35, 49, 47, 54
Boys: 61, 43, 47, 56, 59, 39, 58, 69, 52, 46, 54

a) Find median (Girls) : _____ Median (Boys) : _____

b) Find Mode(Girls) : _____ Mode(Boys) : _____

7) The marks gained by the students out of 100 in a Maths examination in a school are as follows: 24,61,55,36,42,32,60,51,38,58,55,52,47,55,55. Draw stem and leaf diagram. Insert key and find median, mode and range of the given data.