

Data - Stem Leaf Diagrams

Q1

Chris plays golf.

Here are 15 of his scores.

69	78	82	86	77
83	91	77	92	80
74	81	83	77	72

(a) Draw an ordered stem and leaf diagram to show this information.

You must include a key.



Key:

(3)

(b) Write down the mode.

.....
(1)

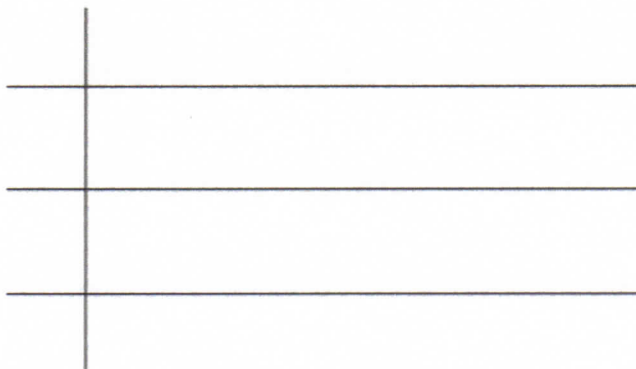
Data - Stem Leaf Diagrams

Q2

Here are the weights in grams, to the nearest gram, of 15 eggs.

33	46	41	54	51
38	60	44	55	51
62	55	52	37	63

- (a) Complete the ordered stem and leaf diagram to show this information.
You must include a key.



Key

(3)

Meg is going to pick at random one of the eggs.

- (b) Work out the probability that this egg will have a weight of more than 45 grams.

.....
(2)

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Q1

Chris plays golf.

Here are 15 of his scores.

69	78	82	86	77
83	91	77	92	80
74	81	83	77	72

(a) Draw an ordered stem and leaf diagram to show this information.

You must include a key.

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

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

Key: 7|4 = 74

(3)

(b) Write down the mode.

Mode occurs most often

77

(1)

Data - Stem Leaf Diagrams

Q2

Here are the weights in grams, to the nearest gram, of 15 eggs.

33	46	41	54	51
38	60	44	55	51
62	55	52	37	63

- (a) Complete the ordered stem and leaf diagram to show this information. You must include a key.

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

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

Key

$$5 | 4 = 54$$

(3)

Meg is going to pick at random one of the eggs.

- (b) Work out the probability that this egg will have a weight of more than 45 grams.

10 eggs weigh more than 45 grams.

So probability is $\frac{10}{15}$ or $\frac{2}{3}$

$\frac{2}{3}$

(2)