GCSE Maths Takeaway 49 - Stem and Leaf Diagrams

Name:...   Date:......................................

How many values are represented in this stem and leaf diagram?

```
0 | 1  3  8
1 | 2  2  5  7
2 | 3  6              Key:
3 | 7                 1|2=12
```

A) 9

B) 10

C) 37

D) 14

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Correct Answer: A B C D

Explanation:

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What is the mode of the following data?

```
0 | 1  3  8
1 | 2  2  5  7
2 | 3  6              Key:
3 | 7                 1|2=12
```

A) 2

B) 10

C) 12

D) No Mode

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Correct Answer: A B C D

Explanation:

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What number is represented by the green number?

```
0 | 1  3  8
1 | 2  2  5  7
2 | 3  6              Key:
3 | 7                 1|2=12
```

A) 5

B) 1.5

C) 15

D) 50

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Correct Answer: A B C D

Explanation:

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What is the range of this data set?

Stem	Leaf
5	2 3
6	5 7 8 9
7	0 2 2
8	3

Key
5|2 = 52

a) **3** b) **1**

c) **31** d) **83**

Correct Answer: A B C D

Explanation:

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The stem and leaf diagram shows an athlete's 100m times before and after a training programme.

Which statement is false?

Before		Stem	After
		12	9
		13	1 6
8 6		14	5 7 7
4		15	1 7
9 7 0		16	5 6 8 8
6 4 3		17	9
7 5		18	0
8		19	
0		20	1

a. The range has increased

a. The median has increased

a. His personal best improved

a. The fastest time was 12.9 seconds

Correct Answer: A B C D

Explanation:

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