## **Stem Leaf Diagrams**

1. 15 students took a maths test. Construct a stem leaf diagram to represent their scores:

43	37	59	45	56
62	45	65	51	50
32	58	45	62	43

From your diagram find:

- a. The modal score
- b. The median score
- c. The range
- 2. 20 adults were weighed with the their weights recorded in kg. Represent their weights on a stem leaf diagram:

83	77	69	65	76
61	72	65	65	80
95	82	75	62	73
91	88	82	66	65

From your diagram find:

- a. The modal weight
- b. The median weight
- c. The range

## **Stem Leaf Diagrams**

18 adults were measured with the their heights recorded in cm.
Represent their heights on a stem leaf diagram:

183	157	169	156	176
181	176	165	169	180
175	182	175	152	177
181	174	176		

From your diagram find:

- d. The modal height
- e. The median height
- f. The range

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STEM	LEAF DIAGRAM.	5		EXERCISE
43	37 59 45	56		
62	45 65 51	50		
32	58 45 62	43		
	3 72 4 35553 5 96108 6 252			
	3 27 4 33555 5 ©1689 6 225		Key	418 = 48
Mode	= 45			
Median	15 items Median		16-2 = 8	⇒ 8 <sup>th</sup> item
Range	= Highest - La $= 65 - 32$			
•	= 33		· · · · ·	

STEM LEAF DIAGRAMS

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STEM	LEAI	= DIAG	RAMS	-		EXERCISE
43	3	7 59	45	56		
62	4	5 65	51	50		
32	5	8 45	62	43		
	3456	72 355 961 252	53			
	3456	27 335 ©16 225	55 89	• •	Key	418 = 48
Mode	= 4	45				
Media		15 itens Med			1622 = 8	⇒ 8 <sup>th</sup> iten
Range	-	Highest	- Lo	west		
	:	65 -	32			
1		33				