Understand and use the and mode	e mean, median	White Rose Maths	2	Find the mean of each set of data. a) 2, 5, 8, 4, 11
1 Here are five towers of cubes.				b) 0, 3, 9, 2, 2, 11, 15, 32, 7
				c) 2, 8, 5, 12, 4
a) What is the most common Which average is this? Circl	number of cubes used in a tower? le your answer.			d) 17, 24, 15, 42, 63, 71, 7
mode	median mean			
b) The towers are in ascending	g order of height.		3	Find the median of each set of data.
How many cubes are in the	e middle tower?			α) 2, 4, 5, 8, 11
Which average is this? Circle your answer.				
mode	median mean			
 c) The cubes are redistributed same height. 	I so that the five towers are now a	l the		b) 2, 5, 8, 4, 11
How many cubes are in eac	ch tower now?			
Which average is this? Circl	le your answer.			c) 0, 11, 3, 5, 2, 19
mode	median mean			
d) Complete the sentences.				d) 44, 40, 41, 49
The median number of cub	es used is			
The modal number of cube	es used is			e) 17, 9, 35, 3, 0, 42
The mean number of cubes	s used is			



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Find the mode of each set of data.

a) 3, 5, 1, 3, 2, 9, 3

b) 17, 11, 9, 9, 17, 6, 9

c) 26.3, 14.1, 15.8, 14.1, 26.3, 19.7, 20.6

d) 0, 1, 2, 3, 4, 5, 6, 7

e) red, blue, red, orange, yellow, green, yellow, blue, red, red, white

5

The mean of this set of data is 13 0 4 7 11 21 35 Dora is working out the mean of a different set of data. 1 5 8 12 22 36 I don't need to do any calculations. I know that the mean is 14

Show that Dora is correct.

6	Six numbers have a mode of 19), a me
	a) Fill in the cards to show wh	at the
	b) What is the range of your s	et of r
	Compare your range with a	ı partn
7	The mean of this set of data is	10.5
		12
		15
	a) Work out the value of <i>z</i> .	
	b) Work out the median, mod	e and i
	median	mode
	c) A pipth card is added	
	The mean is now 12	
	What is the value of the ni	nth car
8	Write an expression for the me	an of t
	3x $5x$	7x



