

## New Mmaths GCSE: S4 - Backwards Averages

Name:		Date:
The mean of four numbers When a 5 <sup>th</sup> number is added What is the 5 <sup>th</sup> number?  A 18  C 2	is 8. d, the mean increases to 10.  B 10 D 50	Correct Answer: A B C D Explanation:
5 3	10	Correct Answer: A B C D Explanation:
The above set of 4 numbers have a range of 10.		
What could the mystery number under the star be?		
A 15	B 13	
<b>c</b> 0 or 13	Any number	
		Correct Answer: A B C D
3 5 3	/ 🔀	Explanation:
The above set of 5 numbers have a mode of 3.  What could the mystery number under the star be?		
Any number apart from 5	Any number apart from 5 or 7	
C Any number	D 3	



