

Name: _____

CALCULATE THE MEAN AND RANGE



Steps to calculate the Mean

1. Add up all the numbers in the data set to find the total.
2. Divide the total by how many numbers there are.

Now, calculate the mean of the following numbers:

Data	Mean		
	1) Adding	2) Dividing	3) Answer
4, 6, 9, 3, 8	30	$30 \div 5$	6
2, 4, 6, 8	20	$20 \div 4$	
5, 5, 7, 7	24		
6, 8, 11, 15			
1, 5, 8, 17, 19			
2, 3, 10, 15, 20			
4, 6, 12, 16, 20, 26			
2, 3, 5, 10, 14, 15, 21			

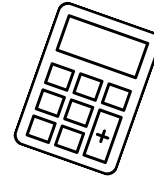
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Steps to calculate the Range

1. Identify the largest and smallest number.
2. Subtract the smallest number from the largest.



Now, calculate the range of the following numbers:

Range			
Data	1) Largest Number	2) Smallest Number	3) Range
10, 25, 5, 37, 55, 21	55	5	50
7, 18, 25, 12, 30, 45			
170, 200, 150, 100, 300, 250			
0.5, 1.5, 2.2, 0.7, 1.8, 3.8			
400, 1500, 600, 1200, 10			
50, 160, 490, 320, 80, 200			
980, 450, 600, 75, 140, 300			
1.3, 3, 2, 8.3, 3.4, 4			

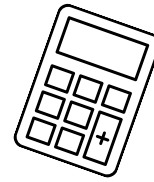
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Mean and Range

Now apply the skills you learnt from Page 1 and Page 2 to complete this sheet. For each question, calculate both the mean and the range.



Data	Mean	Range	Data	Mean	Range
3, 3, 6			8, 14, 1, 9, 10, 12		
1, 4, 1, 6			5, 10, 3, 16, 1, 8, 6		
3, 5, 8, 12			11, 5, 10, 1, 1, 4, 6, 2		
10, 8, 6, 12			4, 10, 12, 8, 3, 12, 5, 2		
10, 8, 7, 11			8, 10, 3, 14, 1, 8, 13, 7		
1, 2, 5, 7, 10			12, 1, 4, 6, 13, 15, 26		
8, 4, 5, 4, 9			22, 10, 15, 26, 14, 21		
7, 10, 8, 10, 15			18, 24, 26, 10, 37		
4, 8, 6, 10, 2, 6			19, 51, 15, 19, 21		
10, 7, 13, 10, 5			85, 40, 31, 84, 35		