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:

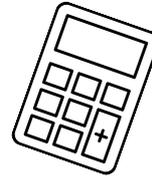| Data	Mean		
	1) Adding	2) Dividing	3) Answer
4, 6, 9, 3, 8	30	30 ÷ 5	6
2, 4, 6, 8	20	20 ÷ 4	5
5, 5, 7, 7	24	24÷4	6
6, 8, 11, 15	40	40÷4	10
1, 5, 8, 17, 19	50	50÷5	10
2, 3, 10, 15, 20	50	50÷5	10
4, 6, 12, 16, 20, 26	84	84÷6	14
2, 3, 5, 10, 14, 15, 21	70	70÷7	10

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CALCULATE THE MEAN AND RANGE

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	45	7	38
170, 200, 150, 100, 300, 250	300	100	200
0.5, 1.5, 2.2, 0.7, 1.8, 3.8	3.8	0.5	3.3
400, 1500, 600, 1200, 10	1500	10	1490
50, 160, 490, 320, 80, 200	490	50	440
980, 450, 600, 75, 140, 300	980	75	905
1.3, 3, 2, 8.3, 3.4, 4	8.3	1.3	7

Name: _____

CALCULATE THE MEAN AND RANGE

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
3, 3, 6	4	3
1, 4, 1, 6	4	5
3, 5, 8, 12	7	9
10, 8, 6, 12	9	6
10, 8, 7, 11	9	4
1, 2, 5, 7, 10	5	9
8, 4, 5, 4, 9	6	5
7, 10, 8, 10, 15	10	8
4, 8, 6, 10, 2, 6	6	8
10, 7, 13, 10, 5	9	8

Data	Mean	Range
8, 14, 1, 9, 10, 12	9	13
5, 10, 3, 16, 1, 8, 6	7	15
11, 5, 10, 1, 1, 4, 6, 2	5	10
4, 10, 12, 8, 3, 12, 5, 2	7	10
8, 10, 3, 14, 1, 8, 13, 7	8	13
12, 1, 4, 6, 13, 15, 26	11	25
22, 10, 15, 26, 14, 21	18	16
18, 24, 26, 10, 37	23	27
19, 51, 15, 19, 21	25	36
85, 40, 31, 84, 35	55	54