

Finding the MEAN

To find the **mean** you add up all of the numbers and then divide by number of numbers.

Find the *mean* for each of the following lists:

1. 7, 8, 5, 2, 8, 6
2. 11, 12, 19, 14, 17, 15, 17
3. 6, 8, 11, 5, 2, 9, 7, 8
4. 1, 1, 3, 3, 5, 6, 7, 7, 8, 9, 9
5. 36, 23, 81, 23, 21, 25
6. 1.6, 2.2, 1.3, 2.9, 1.1, 1.7, 2.5, 2.7
7. 123, 243, 323, 156, 321, 337
8. The weights of 6 children are shown:

42 kg, 50 kg, 63 kg,
40 kg, 47 kg, 49 kg

Find their *mean* weight.

9. Jim buys 11 packets of sweets. The number of chocolates in each packet is as follows:

8, 7, 9, 6, 8, 7, 8, 11, 4, 9, 8.

Calculate the *mean* number of chocolates.

10. The following data set represents the average number of children per family for 10 countries in 2014.

5.8	6.1	1.9	1.4
2.6	2.8	1.3	4.4
4.4	1.7		

Calculate the mean number of children per family.

11. Here are the quiz scores of 6 girls and 4 boys.

Girls: 5, 3, 10, 2, 7, 3
Boys: 2, 5, 9, 3

- a) Calculate the mean score for the girls.
- b) Calculate the mean score for the boys.
- c) Calculate the mean score for all of the pupils.

Answers

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|----------|------------|-----------|
| 1. 6 | 2. 15 | 3. 5.9 |
| 4. 7 | 5. 34.83 | 6. 2 |
| 7. 250.5 | 8. 48.5 kg | 9. 13.45 |
| 10. 3.24 | 11.a) 5 | 11b) 4.75 |
| 11c) 4.9 | | |