

Arithmetic

1. $7,448 \div 98$

2. $71\% \times 590$

3. 63×79

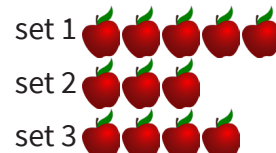
4. $350 - 78 \times 2$

Practice: The Mean

5. Recap: Explain how to find the mean of a set of numbers.



6. The mean apples = ?



7. Find the mean of:

- a. 10, 5, 2, 3, 7, 8, 7
b. 5, 7, 3, 2, 8, 1, 9, 8, 9, 2, 1

8. Find the mean of:

- a. 1, 3, 5, 2, 1, 5, 7, 2, 9, 4
b. 1, 8, 5, 2, 1

9. What is the total if:

- a. The mean of 6 number is 7
b. The mean of 5 numbers is 45

10. Explain how to find the missing number:

Mean = 5
4, 5, 4, 7, ?, 1, 9, 6



11. What is the missing number?

Mean = 4.5
7, 2, 5, 0, 7, ?

12. What is the missing number?

Mean = 5.7
4, 6, 5, 8, 1, 9, 4, 8, 9, ?

13. 32, 45, 71, 22, 35

Sandra says the mean of her numbers is 51.25.
Is she correct? Explain.



Challenge

14. The mean of 5 numbers is 21.

What could the five numbers be? Give at least 5 different options.



You might want
to talk to an adult



Spot the mistake

Answers

Q no.	Question	Answer
1	$7,448 \div 98$	76
2	$71\% \times 590$	418.9
3	63×79	4,977
4	$350 - 78 \times 2$	194
5	Explain how to find the mean of a set of numbers.	Total \div number of items = mean
6	The mean apples = ?	4
7	Find the mean	a. 6, b. 5
8	Find the mean	a. 3.9, b. 3.4
9	What is the total	a. 42, b. 225
10	Explain how to find the missing number:	To calculate the answer, pupils must calculate the total of the numbers (mean \times total items). From this they can calculate the missing number by adding all the other values and subtracting from the total (or any other method that works for the pupil). The missing number is 4.
11	What is the missing number?	6
12	What is the missing number?	3
13	32, 45, 71, 22, 35 Sandra says the mean of her numbers is 51.25. Is she correct? Explain.	Sandra is incorrect. She has added the numbers but has divided by the incorrect number of items. The correct answer is 41.
14	The mean of 5 numbers is 21. What could the five numbers be? Give at least 5 different options.	The total of the numbers would be 105. Accept any answers where the total is 105. Example answers: 5, 20, 17, 50, 13 30, 12, 40, 11, 12