

OCR GCSE Mathematics Calculator 2024 Foundation Paper 1 Revision Worksheet

1. Write down a cube number between 20 and 220.
2. Here is a list of five numbers: 10, 12, 4, 3, 6. Write down the median.
3. A teacher writes down a number. They subtract 6 from the number and then divide by 8. Their answer is 81. **What number did the teacher write down?**

4. A play group offers four activities to their children.
- Baking (B) Drawing (D) Exercise (E) Reading (R)
- (a) Complete the list below to show all the possible combinations of two **different** activities. You may not need all the answer lines.

..... **B** and **D**

..... and

..... and

..... and

..... and

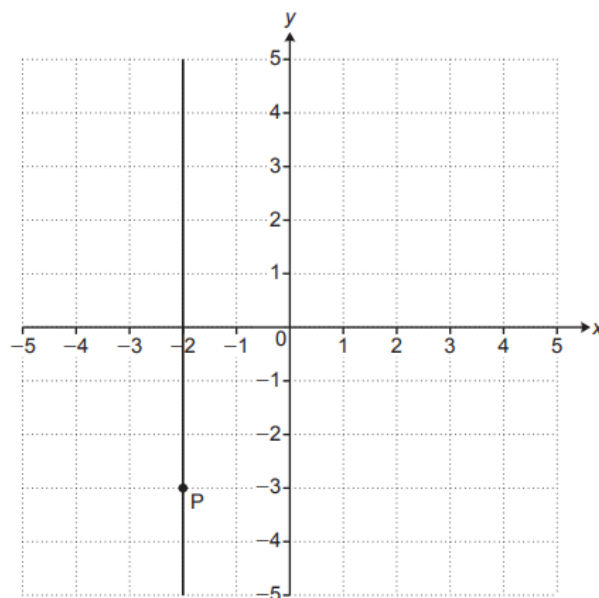
..... and

..... and

..... and

- (b) Write down the fraction of the combinations that include Reading (R).

5. Write down the equation of the vertical line going through the point P .



6. Increase £95 by 16%.
7. 50 students are asked how many books they have read this month. The results are:

Number of books	Frequency
0	11
1	8
2	10
3	8
4	7
5	6

Work out the mean number of books read this month by the 50 students.

9. The population of an island is 47,000 people. The area of the island is 560 km^2 . Calculate the population density of the island in people per km^2 .
10. A sports team scored 400 points.

10. The defenders scored $\frac{1}{10}$ of the points.

The midfielders and the forwards scored the remainder of the points in the ratio 1:5.

Find the percentage of the 400 points that were scored by the forwards.

You must show your working.