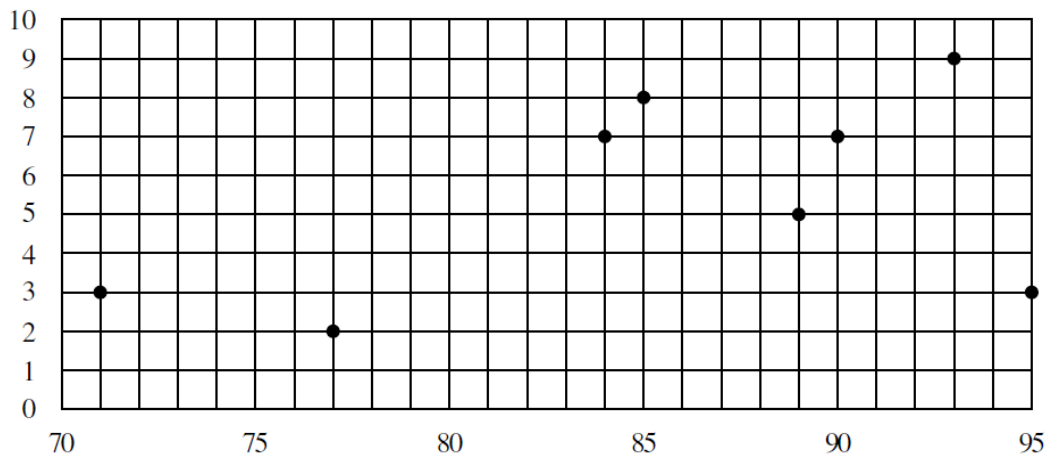


Grade 8 Mathematics Worksheet

Interpretation of graphs

Questions:

1.



The results of the Life Orientation exam are shown in the plot above. The vertical axes shows the frequency whilst the horizontal axes shows the percentages. 50% of the class scored between...

- A) 71% to 84%
- B) 84% to 90%
- C) 84% to 90%
- D) 77% to 89%

Grade 8 Mathematics Worksheet

Solution

1. There are 44 data points, so fifty percent of this 44 would be half of the learners. That comes to a total of 22 learners. Between 71% and 84%, we have 12 learners. From 84% to 90% we have 27 learners which includes 50% of the class. From 90% to 95% we have a total of 19 learners, and from 77% to 89% we have exactly 22 learners. So the answer is (D).

Learners should not confuse the 50% with the calculation of the median point. We are merely looking for where 50% of the data lies over the specified intervals.