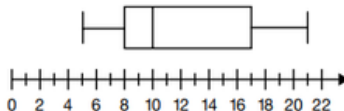


# Grade 9 EQAO Sample Question for Families

Please see below a EQAO digital math question and answer that you can work on with your child.

## Question

The box plot represents the number of hours of community involvement accumulated by some students.



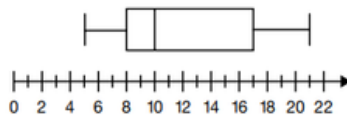
Select **TWO** data sets that correspond to the box plot.

- A. 5, 8, 9, 11, 17, 21
- B. 5, 6, 8, 9, 10, 11, 17, 21
- C. 5, 6, 8, 8, 11, 17, 19, 21
- D. 5, 6, 8, 8, 8, 9, 11, 12, 16, 18, 19, 21



## Correct Answer

The box plot represents the number of hours of community involvement accumulated by some students.



Select **TWO** data sets that correspond to the box plot.

- A. 5, 8, 9, 11, 17, 21**
- B. 5, 6, 8, 9, 10, 11, 17, 21
- C. 5, 6, 8, 8, 11, 17, 19, 21
- D. 5, 6, 8, 8, 8, 9, 11, 12, 16, 18, 19, 21**

## Helpful Tips:

- **A box-and-whisker plot shows 5 important values:** the lowest value, lower quartile, median, upper quartile, and highest value. The line inside the box is the median, which is the middle value of the data. The box shows the middle half of the data. This helps students see where most of the values are grouped. The “whiskers” show the low and high ends of the data set.
- **Helpful questions when reading the graph:** What is the median? What are the lowest and highest values? Where is the middle 50% of the data? How do you know this data set matches the graph? Did you put the numbers in order first?
- Ask your child to **explain their thinking out loud**.
- Create and construct box and whisker plots using real-life data sets (e.g. time spent on homework, commute times, daily temperatures, sports statistics).