

Possible Solutions

To solve this problem, students will need to follow these steps.

1. Put the data set in numerical order (least to greatest):
 - a. 122, 228, 296, 347, 351, 360, 383
2. Find the median of the data set
 - a. 347 because it is exactly the middle amount
3. Take the lower half of the set (excluding the median above) and find the median of the new set
 - a. 122, 228, 296: Median is 228
4. Take the higher half of the set (excluding the original median) and find the median of this data
 - a. 351, 360, 383: Median is 360
5. Find the difference in these two median amounts
 - a. $360 - 228 = 132$
6. The IQR is 132.