GRADE 6 MATH · CLASSWORK

Find the Interquartile Range (IQR) to Describe Variability

SCORE / 25

01 Part A · Practice

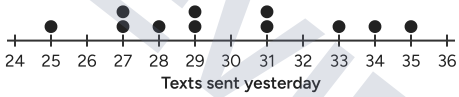
The interquartile range (IQR = Q3 − Q1) tells how spread out the middle half of the data is.

EXAMPLE

Find the IQR of 4, 6, 7, 9, 12, 15, 18, 20**.**

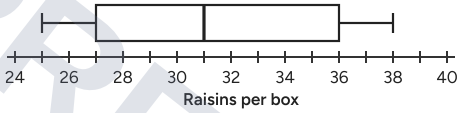
1. Median = (9 + 12) ÷ 2 = 10.5.
2. Q1 = (6 + 7) ÷ 2 = 6.5; Q3 = (15 + 18) ÷ 2 = 16.5.
3. IQR = 16.5 − 6.5 = 10.

1 ●○○ Find Q1, Q3, and the IQR of the data in the dot plot.

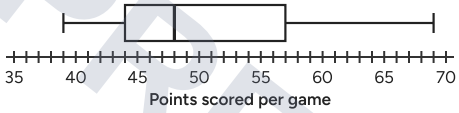


2 ●○○ Find the interquartile range (IQR): 56, 46, 68, 65, 54, 54, 66, 52, 57, 52

3 ●○○ Find the IQR of the data in the box plot.



4 ●○○ Find the IQR of the data in the box plot.



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Preview - the full worksheet and its answer key are at primeworksheet.com