

## Collecting and describing data



Name Class Date The range of set 1 is 22. The interquartile range is the The range of set 2 is 15. middle 50% of the data. What is the interquartile range for the What does this tell about the data? following fifteen quiz scores? 26, 29, 13, 42, 49, 27, 18, A Set 1 is more clustered. 45, 38, 24, 49, 21, 27, 17, 33 B Set 2 is more spread out. C Set 1's mean is 22. A 13 C 27 D Set 2 is more clustered. **B** 21 **D** 42 3 The variance tells how close data is What is the interquartile range of the data shown in the bar graph? to the mean. Households with TVs True or false? A 1 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet D 0.9 A true C 15.68 **B** false D 61.5 9 The mean of a set of data of bowling scores 10 The bell curve shows a normal distribution for 50 people is 137. The standard deviation for height of adults. The mean of the data is 67 inches and the standard deviation is 3 is 10. What are the scores that fall between inches. What is the range of height for one standard deviation of the mean? 68% of the adults sampled? A 137 - 147 A 5'1" - 5'4" **B** 127 - 137 B 5'4" - 5'7" C 132 - 142 C 5'4" - 5'10" D 127 - 147

D 5'7" - 6'1"



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