

# WHAT IN THE WORLD IS A Z-SCORE?

Z-scores measure the number of standard deviations a data value is away from the mean.

**The mean of a set of data is 30. The standard deviation is 5.**

**Find the z-scores of the following data values:**

40  
25  
100  
31  
18

**The mean of a set of data is 20. The standard deviation is 10.**

**Find the z-scores of the following data values:**

15  
30  
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## Z-Score Formula

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