



## **Student Activity: To calculate the range of match scores.**

**Use in connection with the interactive file "Range" on the Student's CD.**

1. If the following is a set of match scores: 11, 23, 2, 5, 6, 24, 16, 18, 14 and 29, what is the minimum score?  
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2. If the following is a set of match scores: 11, 23, 2, 5, 6, 24, 16, 18, 14 and 29, what is the maximum?  
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3. If the following is a set of match scores: 11, 23, 2, 5, 6, 24, 16, 18, 14 and 29, what is the range of the match scores?  
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4. Input the following scores 11, 23, 2, 5, 6, 24, 16, 18, 14 and 29 into the interactive file and check your answers to questions 1, 2 and 3.  
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5. What is meant by the range of a set of data items and explain how this was calculated?  
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6. Calculate the minimum, maximum and range of the following set of data items 11, 2, 2, 5, 6, 4, 16, 8, 14 and 17.  
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7. Change the results to: 11, 2, 2, 5, 6, 4, 16, 8, 14 and 17 in the interactive file. What is a) the new minimum, b) the new maximum and c) the new range in the interactive file and does it agree with the answer you got in question 6?  
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8. If the range is large, what does this tell you about the data items?  
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9. If the range is small, what does this tell you about the data items?  
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