

## ***Which Measure is the Best?***

### **Part A**

The table gives the heights of a class of grade 8 students.

<b>Heights of Grade 8 Students (m)</b>					
1.54	1.56	1.52	1.55	1.58	1.54
1.55	1.52	1.52	1.57	1.52	1.59
1.58	1.56	1.58	1.57	1.52	1.54

Mean	Median
Mode	

Which measure best represents these data: mean, median, or mode?  
Justify your choice.

Determine the range.  
What does the range tell you about the data?

## ***Which Measure is the Best?*** (cont'd)

### **Part B**

The number of goals scored in one month for each team in a hockey league are: 2, 14, 9, 22, 11, 12, 13, 15, 21, 27

Mean	Median
Mode	

Which measure best represents these data: mean, median, or mode?  
Justify your choice.

Remove the outlier. Recalculate the measures.  
Does the answer to your previous question change? Explain.