



Strauss Preparatory School

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Class: Year 5

Date: _____

Subject: Math

Learning objective: I can solve problems involving temperature.

Here are the maximum and minimum temperatures of the surfaces of these rocky planets and the moon. Complete the last column of the chart:

Planet	Minimum Surface Temperature	Maximum Surface Temperature	Difference Between Maximum and Minimum
Mercury	-170°C	449°C	
Venus	465°C	465°C	
Earth	-89°C	58°C	
Mars	-125°C	20°C	
Moon	-173°C	127°C	

1. What is the difference between the minimum surface temperature of Mercury and Mars?
2. What is the difference between the minimum surface temperature of Venus and Mercury?
3. The difference in minimum temperatures between two planets is 590°C.
Which two planets is it?
4. What is the range of all the temperatures on the chart?

