**Our Vacation Costs How Much Money?**

**(Facilitator notes)**

**Part I:** Your family went on a vacation. Entry fees for the entire family for an amusement park for Thursday totaled $275.00. How much money could the family have spent that day? (What total would you have not spent?)

**Part II:** (Your dad wants to have a good time, but has set a budget of $500.00? How much would you have been able to spend? What solutions are going to be possible?)

**Task created for 6th Grade Common Core Academy – Expressions & Equations Standard 8**

**Part III:** The park will close if temperatures are over 110 degrees Fahrenheit. At which temperatures will the park be open? Use notation and a visual representation to show your answer.

The park will also close if wind speeds reach higher than 30 mph. At what wind speeds will the park be open? Use notation and a visual representation to show your answer.

What temperatures and wind speeds will the park remain open?

**Task created for 6th Grade Common Core Academy – Expressions & Equations Standard 8**