**Fence Layout Activity**

*In this activity you will need to find the length of a fence outline that is in in a curve*

**Tools: Compass, Ruler, Cardboard, & Protractor**

1) Find the outline for the fence on the grass or parking lot and discuss among your group a method for finding the distance of the fence.

2) Using what you know about circles and arc length, how can you use the cardboard and compass to help you create something to find the distance of the curve?

3) Find the length of the curve. Explain how you can find this length using a circle.

4) A plastic fence sells for $19.77 and covers 25 feet. How much will it cost you for the fence?