

# Inequalities - Explore

Open the "Sam the Butterfly" starter file and press "Run". Hi, Sam!

Sam is in a 640 x 480 yard. Sam's mom wants Sam to stay in sight.

**How far to the left and right can Sam go and still remain visible?**

Use the new inequality functions to answer the following questions with code:

Sam is still visible on the left as long as...  $x > -50$

Sam is still visible on the right as long as...  $x < 690$

**Use the space below to draw Circles of Evaluation for these two expressions**

