



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Project/Unit: Early Warning Devices

Lesson: 4

*Below are different angle measures. Place an object in front of the hinged mirror device. Use a protractor to measure the angle formed between the mirrors in your device. Then record the number of images of the object you see.*

Angle Measure	Number of Images
10°	
20°	
30°	
45°	
60°	
85°	

*Draw a sketch of your laser obstacle course including the positions of all reflective surfaces, the approximate angles along the laser beam, and the position of the target.*

Laser Course Sketch