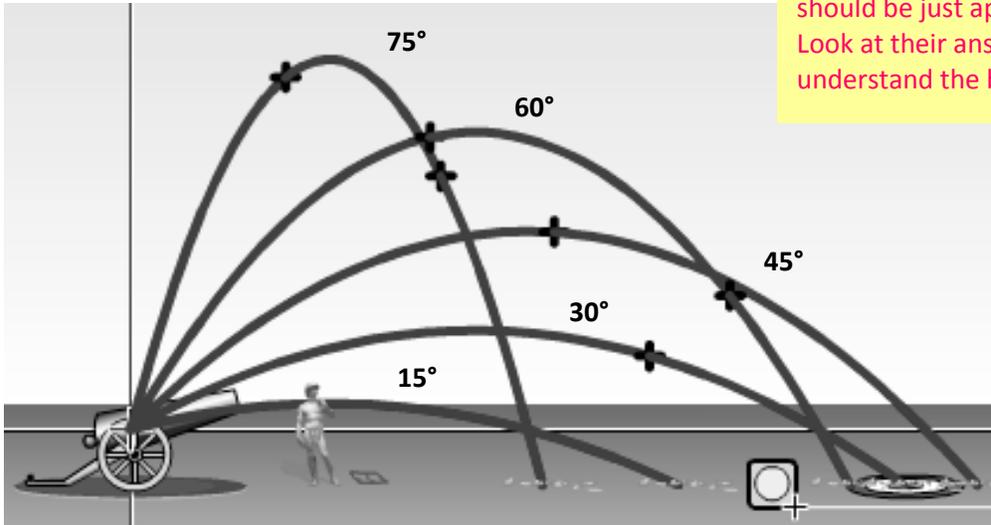


Launch Angle & Air Resistance Worksheet Answers

1. The image below shows the trajectory of an object launched from the cannon at 45 degrees and experienced *no* air resistance. Draw the trajectories of the same object with launch angles of 75, 60, 30, and 15 degrees.



Note to teachers: Students' answers should be just approximates. Look at their answers to make sure they understand the basic concepts.

2. The image below shows the trajectory of a t-shirt launched from the cannon at 45 degrees and experienced *no* air resistance. Draw the trajectories of a t-shirt with air resistance if: a) it is rolled up into a ball first and stays that way, and b) if it is not rolled into a ball.

