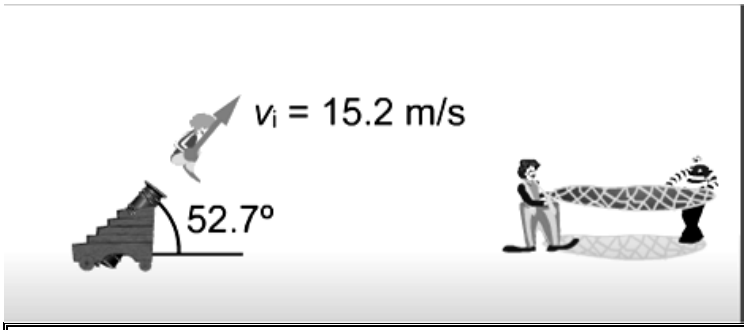
Interactive Problem Projectile Clown

Name_____ Block____



A clown in a circus is about to be shot out of a cannon with a muzzle velocity of 15.2 m/s, aimed at 52.7° above the horizontal. How far away should his fellow clowns position a net to ensure that he lands unscathed? The net is at the same height as the mouth of the cannon.

Why?

Check your Why? with Mr. C before continuing.

How?

Show all work including substitution with units.

Open the short cut **IP Proj Clown** in the folder on one of the lab stations.
Enter the answer you found above. Check your answer by hitting the check button.
If your answer is not correct follow the interactive steps below the problem to work through the solution. Write the correct steps with solution on the back of this page.