

DIRECTIONS

1. Draw lines descending straight down from each gray circle. Note the lines are parallel to each other. The first two have already been done.

2. Next, draw lines extending from the white circles that descend diagonally down toward the ground, remaining parallel to the line formed by the gray circles. These lines are also parallel to each other. The first two have already been done.

The gray circles track the uniform motion that would occur in the absence of gravity; the white circles track the gravitational acceleration of an object in freefall (no horizontal movement).

3. Draw a black circle at the successive intersections of the two sets of lines (2-2, 3-3, 4-4, etc.).

When you are done, the black circles represent the actual trajectory of the projectile.

