## Kinematics / Set 1 / Animation 6

Name $\qquad$ Class $\qquad$
<Show all work on calculations. Include proper units. Explanations require complete sentences.>

1) How far does the ball drop in the first 3 seconds ?
2) Calculate the acceleration due to gravity on planet Fysix .
3) Calculate the speed of the basketball after it has dropped 1.0 m .
