PhysicsIn5.com
Answers Only (3.02 - Projectile Motion List)

1	Scenario B
2	Scenario A
3	Scenario C
4	Scenario A
5	$\mathbf{v_x}$ = 8.66 m/s, $\mathbf{y_o}$ = 0 m, **y** = 0 m, $\mathbf{v_{yo}}$ = 5 m/s, **a** = -9.8 m/s^2
6	$\mathbf{v_x}$ = 7.72 m/s, $\mathbf{y_o}$ = 1.2 m, **y** = 0 m, $\mathbf{v_{yo}}$ = -2.07 m/s, **a** = -9.8 m/s^2