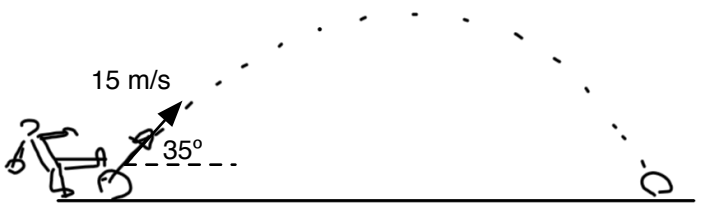
Cycle 17 Projectile Motion

5. Angled Launches A



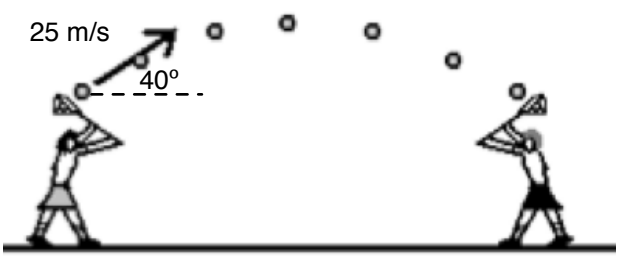
1. The soccer ball is kicked from and lands at the same height.
   a) Resolve the initial velocity into components.
   b) How long was the ball in flight?
   c) What horizontal distance did the ball travel?
   d) How high above the start height did the ball get?

2. The football is thrown from and caught at the same height.
   a) Resolve the initial velocity into components.
   b) How long was the ball in flight?
   c) What horizontal distance did the ball travel?
   d) How high above the start height did the ball get?

Cycle 17 Projectile Motion

5. Angled Launches B

1. The baseball is hit from and caught at the same height.
   a) Resolve the initial velocity into components.
   b) How long was the ball in flight?
   c) What horizontal distance did the ball travel?
   d) How high above the start height did the ball get?



2. The lacrosse ball is thrown from and caught at the same height.
   a) Resolve the initial velocity into components.
   b) How long was the ball in flight?
   c) What horizontal distance did the ball travel?
   d) How high above the start height did the ball get?