

Practice

A cross-country skier glides along a smooth horizontal surface at constant speed for a while before coming to a small downward hill. As she goes down the hill she gradually speeds up.

Draw the motion diagram.

Position: ●

Displacement: —

Velocity: —



Practice

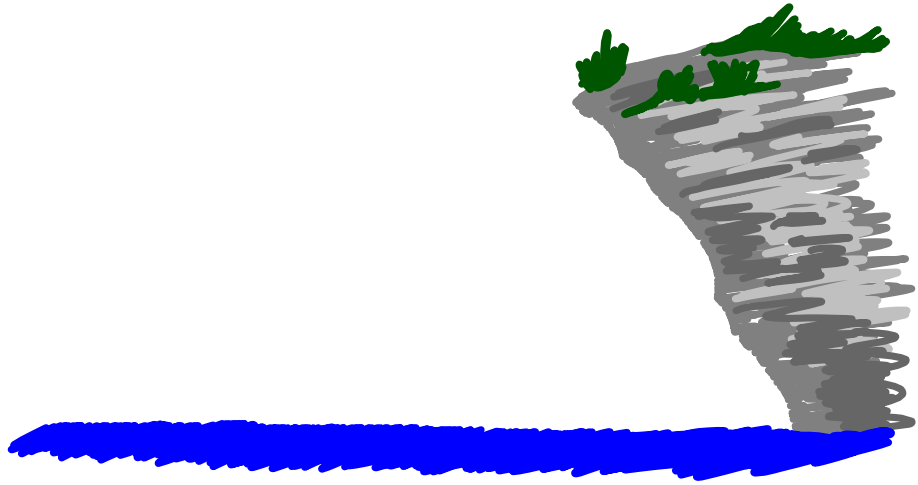
A dog jumps off a small cliff to get a ball thrown in the water. (View video)

Draw the motion diagram.

Position: ●

Displacement: —

Velocity: —



Practice

Two sprinters run a 100m race against each other. Sprinter "A" runs the race in 10s and sprinter "B" runs it in 12s.

Displacement: 

Velocity: 

