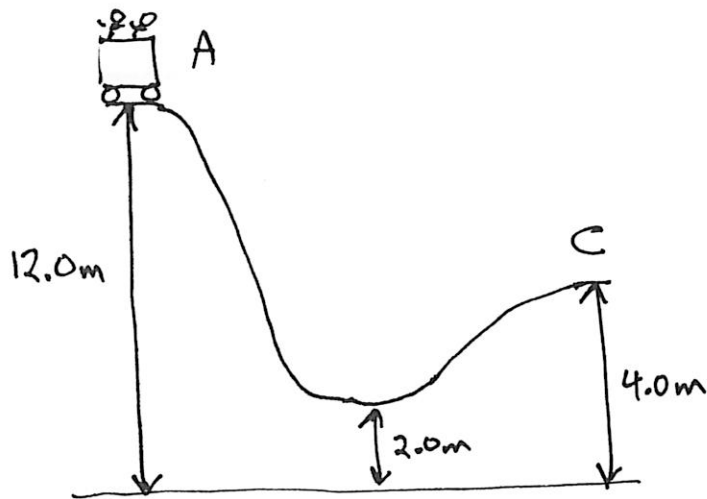


- ⑤ A roller coaster car starts from rest at point A. What is the speed of this car at point C if the track is frictionless



- ⑥ A 2.5kg object is dropped from a height of 10.0m above the ground. Calculate the speed of the object as it hits the ground.