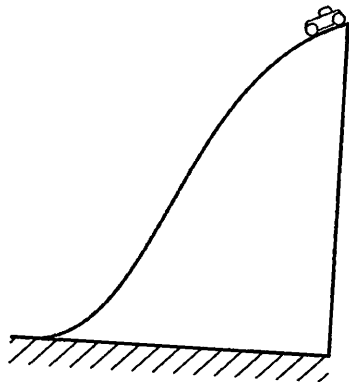
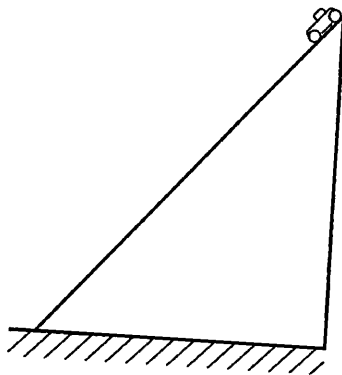


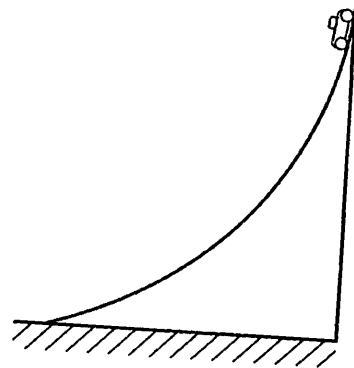
- 15 A toy car is released from rest at the top of a length of flexible track. The track is shaped differently for three trials X, Y and Z.



trial X



trial Y



trial Z

In each trial, the top of the track is the same vertical height above the ground. The speeds v_X , v_Y and v_Z at the end of the track are measured. Friction is negligible.

Which of the following is correct?

- A $v_X = v_Y = v_Z$
- B $v_X > v_Y > v_Z$
- C $v_Y > v_Z > v_X$
- D $v_Z > v_Y > v_X$