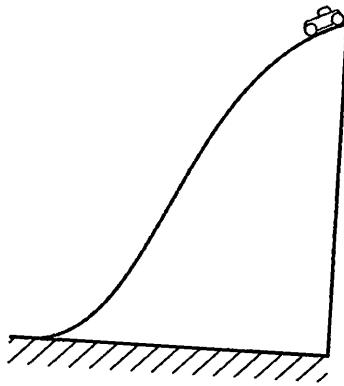
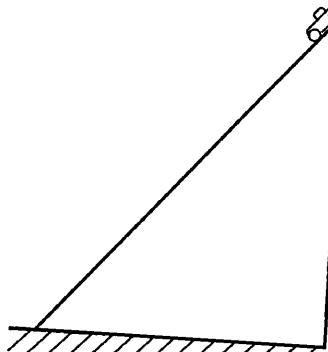


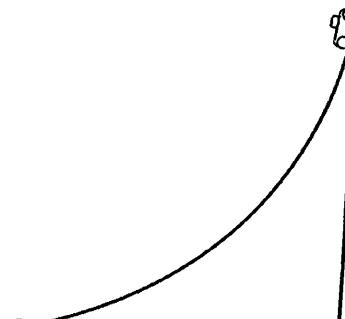
- 15 A toy car is released from rest at the top of a length of flexible track. The track is shaped differently for three trials X, Y and Z.



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 $v_z > v_y > v_x$