

**8** Two spheres are released from rest at equal heights above the ground.

Both spheres reach terminal velocity.

One sphere has a larger density than the other sphere.

Both spheres have equal volumes.

Which statement is correct while both spheres are at terminal velocity?

- A** The drag forces on the spheres are equal.
- B** The resultant forces on the spheres are equal.
- C** The velocities of the spheres are equal.
- D** The weights of the spheres are equal.