

- 6 An object accelerates in a direction that is always perpendicular to its motion.

What is the effect, if any, of the acceleration on the object's speed and direction?

	speed	direction
A	changes	changes
B	changes	constant
C	constant	changes
D	constant	constant

- 7 The acceleration of free fall on a planet B is $\frac{1}{9}$ of the acceleration of free fall on Earth