7 A ball is fired vertically upwards at 19.6 m s^{-1} at time $t = 0$. Consider it travelling with negligible air resistance.

Each row in the table shows labelled vectors representing the displacement, velocity and acceleration of the ball at 1.0 s intervals.

Which row is a correct description of the motion?

	time / s	displacement / m	velocity / m s^{-1}	acceleration / m s^{-2}
A	0	• 0	↑ 19.6	↑ 9.8
B	1.0	↑ 14.7	↓ 9.8	↓ 9.8
C	2.0	↑ 19.6	• 0	• 0
D	3.0	↑ 14.7	↓ 9.8	↓ 9.8