2 Once in orbit above the Earth's atmosphere, the engines on a space rocket are switched off.

Which row of the table correctly states the resulting motion of the rocket and the law explaining this motion?

	Motion of rocket	Explanation
☒ A	uniform velocity	Newton's 2nd law
☒ B	uniform velocity	Newton's 3rd law
☒ C	changing velocity	Newton's 2nd law
☒ D	changing velocity	Newton's 3rd law

(Total for Question 2 = 1 mark)