

- 10** The planet Jupiter has satellites called Io and Europa which have different orbital radii and different orbital time periods. The table shows the orbital radii for Io and Europa and the orbital time period of Io.

	orbital radius / km	orbital time period / days
Io	4.22×10^5	1.77
Europa	6.71×10^5	T_E

What is the orbital time period T_E of Europa?

- A** 0.88 days **B** 2.4 days **C** 2.8 days **D** 3.5 days