

- 9 The table shows three geostationary satellites, **P**, **Q** and **R**, and their masses.

| satellite | mass of satellite / kg |
|-----------|------------------------|
| P | 1200 |
| Q | 1500 |
| R | 3500 |

Which satellite has the largest centripetal force?

- A** P
- B** Q
- C** R
- D** They have the same magnitude of centripetal force