

**Answer ALL questions.**

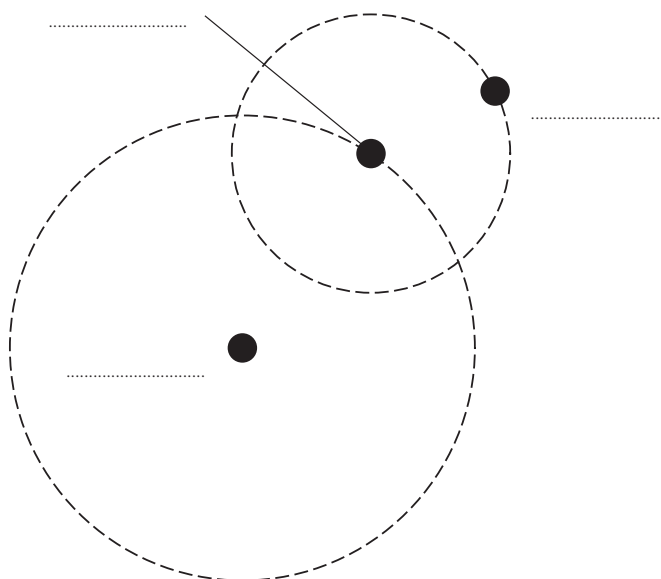
- 1** Planets and moons in the Solar System move in orbits.

(a) Name the force that causes planets and moons to move in orbits.

(1)

- (b) The diagram shows the orbits of a planet and a moon in the Solar System.

The diagram is not to scale.



- (i) On the diagram, label the planet, the moon and the Sun.

(2)

- (ii) Explain how the time period of the moon's orbit is different to the time period of the planet's orbit.

(2)

**(Total for Question 1 = 5 marks)**



P 6 1 9 3 7 R A 0 3 2 0