

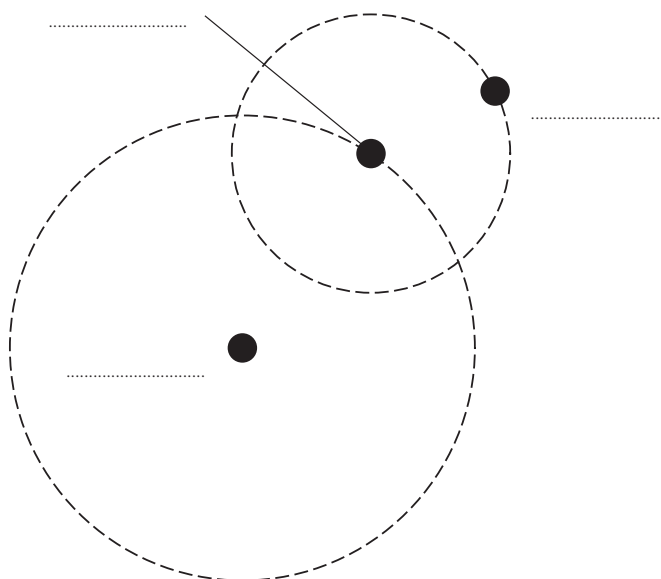
Answer ALL questions.**1** Planets and moons in the Solar System move in orbits.

(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