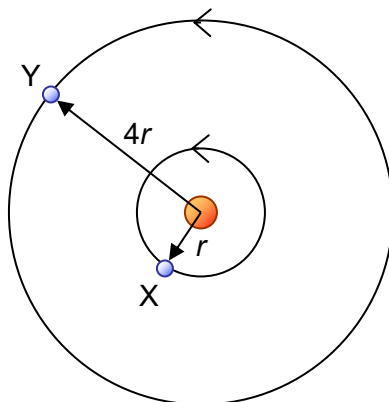


- 12** Two planets travel around a star in the same direction, in circular orbits. Planet X completes one revolution in time T . The radii of the orbits are in the ratio $1 : 4$.



How many revolutions does planet Y make in the same time T ?

- A** 0.125 **B** 0.25 **C** 0.5 **D** 8