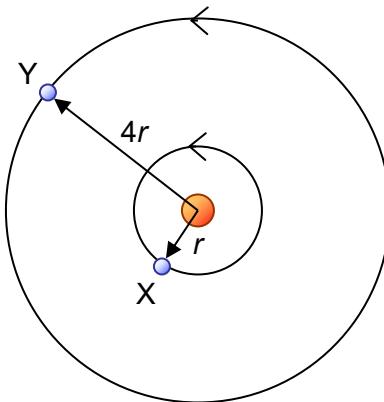


- 12** Two planets travel around a star in the same direction, in circular orbits. Planet X completes one revolution in time T . The radii of the orbits are in the ratio 1 : 4.



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

A 0.125

B 0.25

C 0.5

D 8