11 What is the mean speed and the mean angular velocity of the Earth in its orbit around the Sun?
    (The mean radius of the orbit is 1.50×10^{11} m.)

	speed/$m\,s^{-1}$	angular velocity /$rad\,s^{-1}$
A	2.99×10^4	1.99×10^{-7}
B	2.99×10^4	1.72×10^{-2}
C	1.09×10^7	1.72×10^{-2}
D	1.09×10^7	7.27×10^{-5}