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| 9 | <p>A is the correct answer. The power of the Sun is constant, so IA is constant for all the planets. $I_E \times 4\pi (1.49 \times 10^{11} \text{ m})^2 = I_J \times 4\pi (7.78 \times 10^{11} \text{ m})^2$</p> <p>B is not the correct answer as 4π cancels in the equation</p> <p>C is not the correct answer as the radius of orbit has not been squared</p> <p>D is not the correct answer as 4π cancels in the equation and the radius of the orbit has not been squared</p> | (1) |
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