Biol. 463

Video Study Questions for – *The naked planet model video*

1) Write the formula used to calculate the **total** output of energy from a planet behaving as a blackbody? What units are used to express this energy output? And what do each of the terms in the formula represent?

2) Write the formula is used to calculate the **total** amount of energy from solar radiation that is absorbed by the Earth? What units are used to express this energy input? And what do each of the terms in the formula represent?

3) What is albedo?

4) Despite being closer to the Sun, why is the blackbody temperature of Venus lower than that of Earth?