

$$8 \text{ (i)} \quad 2.7 \times 10^{12}, \quad 1.5 \times 10^8$$

$$= 2.7 \times 10^4 \times 10^8$$

$$= 27000 \times 10^8$$

$$2.7 \times 10^{12} > 1.5 \times 10^8 \quad [\because 27000 > 1.5]$$

$$9 \text{ (ii)} \quad 4 \times 10^{14}, \quad 3 \times 10^{17}$$

$$= 3 \times 10^3 \times 10^{14}$$

$$= 3000 \times 10^{14}$$

$$3 \times 10^{17} > 4 \times 10^{14} \quad [\because 3000 > 4]$$