

**SECTION A****Answer ALL questions.**

**For questions 1–10, in Section A, select one answer from A to D and put a cross in the box ☐. If you change your mind, put a line through the box ☒ and then mark your new answer with a cross ☐.**

- 1** A machine has a power of 750 W and transfers 150 kJ of energy during a time  $t$ .

Which of the following expressions gives  $t$  in seconds?

☐ **A**  $\frac{750}{150}$

☐ **B**  $\frac{750 \times 150}{1000}$

☐ **C**  $\frac{150 \times 1000}{750}$

☐ **D**  $\frac{750}{150 \times 1000}$

**(Total for Question 1 = 1 mark)**