

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)