

- 4** A thermometer can be read to an accuracy of $\pm 0.5\text{ }^{\circ}\text{C}$. This thermometer is used to measure a temperature rise from $40\text{ }^{\circ}\text{C}$ to $100\text{ }^{\circ}\text{C}$.

What is the percentage uncertainty in the measurement of the temperature rise?

- A** 0.5 % **B** 0.8 % **C** 1.3 % **D** 1.7 %