

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

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

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