

- 2** A voltmeter connected across a resistor in a circuit gives readings which have high precision but low accuracy.

Which of the following best describes the likely error in readings taken with this voltmeter?

| | random error | systematic error |
|----------|--------------|------------------|
| A | high | high |
| B | high | low |
| C | low | high |
| D | low | low |

- 3** A stone falls vertically and strikes soft ground with speed v . The stone experiences constant