

- 2** A specimen of volume  $V$  is cut from a length of circular-section metal rod. The length of the specimen is known with an uncertainty of  $\pm 1\%$  and the diameter with an uncertainty of  $\pm 2\%$ .

What will be the uncertainty of  $V$ ?

**A** 2%

**B** 3%

**C** 4%

**D** 5%