

- 9 A student carries out an experiment to determine the Young modulus of copper.

The student adds known masses to a copper wire and measures the corresponding extensions of the wire.

Which other quantities should the student measure directly?

- ☐ A diameter and mass of the wire
- ☐ B diameter and original length of the wire
- ☐ C radius and mass of the wire
- ☐ D radius and original length of the wire

(Total for Question 9 = 1 mark)