

**5** The density of the material of a coil of thin wire is to be found.

Which set of instruments could be used to do this most accurately?

- A** metre rule, protractor, spring balance
- B** micrometer, metre rule, top-pan balance
- C** stopwatch, newton-meter, vernier calipers
- D** tape measure, vernier calipers, lever balance

**6** A cylindrical tube, rolling down a slope of inclination  $\theta$  moves a distance  $L$  in time  $T$ . The equation