

- 27** The primary coil of a transformer is connected to a 120 V r.m.s. sinusoidal a.c. supply. The secondary coil has 250 turns and a peak output of 8.0 V.

What is the number of turns on the primary coil?

- A** 2650 **B** 3750 **C** 5300 **D** 7500

- 28** The diagram shows the first of two coils connected to a power supply.