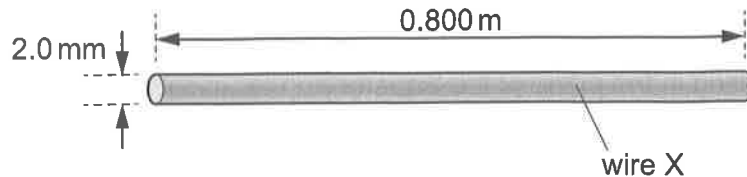


- 20** A metal wire X has a diameter of 2.0 mm and a length of 0.800 m.



Which wire, made of the same metal, has the same resistance as wire X?

	diameter / mm	length / m
A	1.0	0.200
B	1.0	0.400
C	4.0	0.400
D	4.0	0.640

- 21** Two 12 V power supplies P and Q are each connected to heaters of the same constant