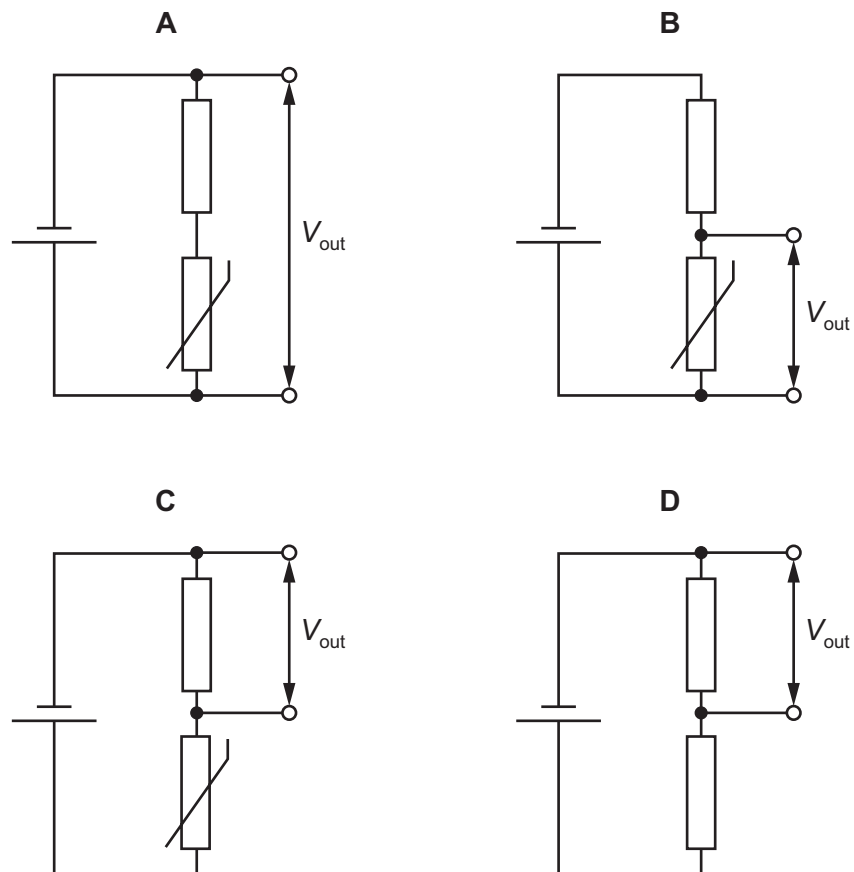
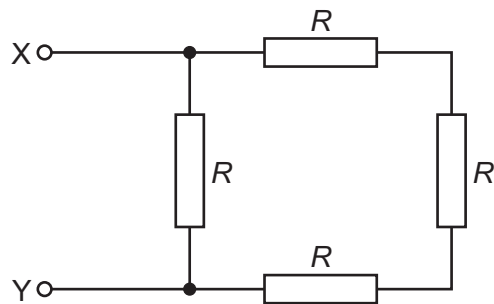


33 Which circuit results in output voltage V_{out} increasing with increasing temperature?



34 Four resistors, each of resistance R , are connected as shown.



The total resistance between point X and point Y is $120\ \Omega$.

What is the magnitude of the resistance R ?

- A** $30\ \Omega$ **B** $90\ \Omega$ **C** $160\ \Omega$ **D** $480\ \Omega$