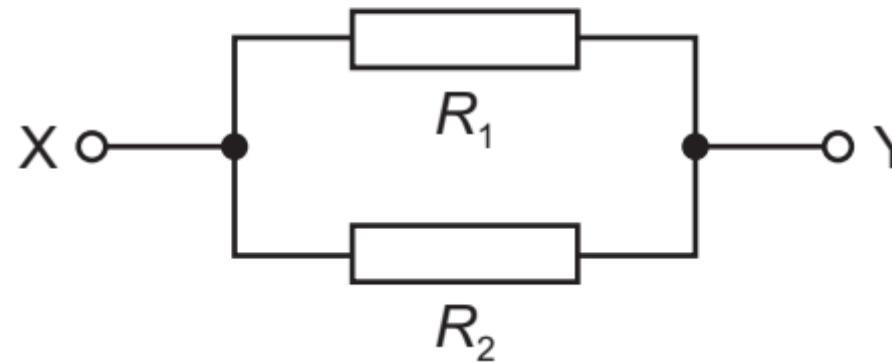


36 Two resistors of resistances R_1 and R_2 are connected in parallel.



What is the combined resistance between X and Y?

A $R_1 + R_2$

B $\frac{R_1 R_2}{R_1 + R_2}$

C $\frac{R_1 + R_2}{R_1 R_2}$

D $\frac{R_1}{R_2}$

37 A voltmeter is used to monitor the operation of an electric motor. The motor speed is controlled