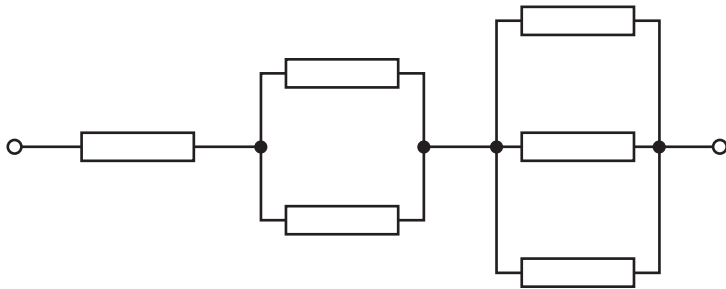


36 Six resistors, each of resistance R , are connected as shown.



The combined resistance is $66\text{ k}\Omega$.

What is the value of R ?

A $11\text{ k}\Omega$

B $18\text{ k}\Omega$

C $22\text{ k}\Omega$

D $36\text{ k}\Omega$

37 A potential divider consists of two resistors of resistances R_1 and R_2 connected in series across a