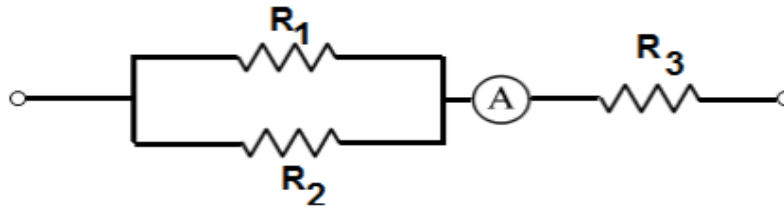


1. Two resistors $R_1 = 6 \Omega$ and $R_2 = 12 \Omega$ are connected in parallel to each other and in series to $R_3 = 2 \Omega$. An ammeter measures an electric current of 3 A flowing through resistor R_3 . What is the current in 12Ω resistor?



- A. 6 A
 B. 1 A
 C. 3 A
 D. 5 A
2. The low frequency response of the amplifier is due to:

- A. Coupling capacitors.
 B. Voltage divider resistor.
 C. Bias voltage.
 D. Source voltage

1. A periodic signal $m(t)$ has the following Fourier series components, the power in $m(t)$ is

C_{-3}	C_{-1}	C_0	C_1	C_3
$0.5j$	0.5	1	0.5	$-0.5j$

- A. 2
 B. 1
 C. 0
 D. -1