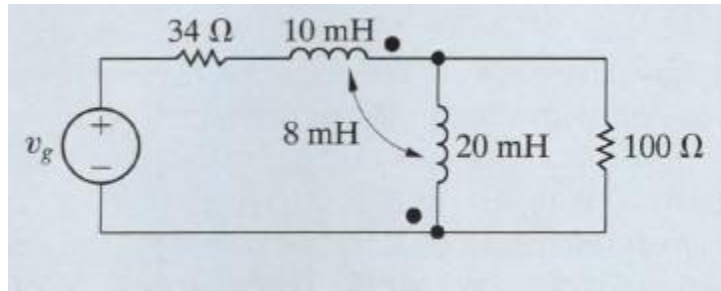


1. Find the average power delivered to the $100\ \Omega$ resistor in the circuit shown if $v_g = 660 \cos 5000t\ \text{V}$.



- A. $58.4\ \text{W}$
B. $735\ \text{W}$
C. $49.2\ \text{W}$
D. **$612.5\ \text{W}$**
2. You have the following hyperlink on your HTML web page:

```
<a href="http://www.microsoft.com">Microsoft</a>
```

Your users have complained that the link opens the external website in the same browser window/tab. They would like the link to open the website in a new window or tab. Which attribute should you use to implement this behavior?

- A. type
B. rel
C. href
D. **target**
3. Cable modem for data transmission, is similar to
- A. high-bit-rate digital subscriber
B. **asymmetric DSL modem**
C. very high-bit-rate digital subscriber line modem
D. asymmetric DSL lite