

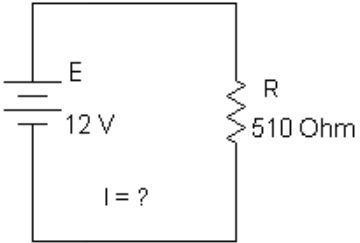
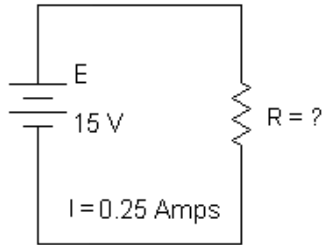
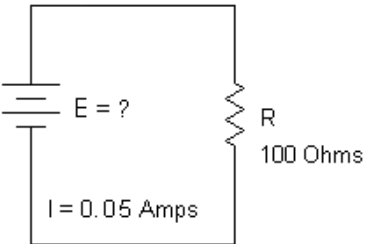
CSEE100 Quiz

Name: _____

Ohms Law

Date: _____

Instructions: Use the correct formula to solve the problem and circle the correct answer.

<p>1.</p> 	<p>Solve for I when $R = 510\Omega$ and $E = 12V$</p> <table border="1"> <tr> <td>a.</td><td>42.5A</td></tr> <tr> <td>b.</td><td>0.024A</td></tr> <tr> <td>c.</td><td>4.25A</td></tr> <tr> <td>d.</td><td>0.24A</td></tr> </table>	a.	42.5A	b.	0.024A	c.	4.25A	d.	0.24A
a.	42.5A								
b.	0.024A								
c.	4.25A								
d.	0.24A								
<p>2.</p> 	<p>Solve for R when $I = 0.25A$ and $E = 15V$</p> <table border="1"> <tr> <td>a.</td><td>.016Ω</td></tr> <tr> <td>b.</td><td>.16Ω</td></tr> <tr> <td>c.</td><td>60Ω</td></tr> <tr> <td>d.</td><td>6Ω</td></tr> </table>	a.	.016Ω	b.	.16Ω	c.	60Ω	d.	6Ω
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b.	.16Ω								
c.	60Ω								
d.	6Ω								
<p>3.</p> 	<p>Solve for E when $R = 100\Omega$ and $I = 0.$</p> <table border="1"> <tr> <td>a.</td><td>2000V</td></tr> <tr> <td>b.</td><td>50V</td></tr> <tr> <td>c.</td><td>20V</td></tr> <tr> <td>d.</td><td>5V</td></tr> </table>	a.	2000V	b.	50V	c.	20V	d.	5V
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