

3	<p><b>D is the correct answer</b> (Total resistance in series is <math>10\Omega</math> and <math>2.5\Omega</math> in parallel)</p> <p>A is not the correct answer as the two resistances are the wrong way around</p> <p>B is not the correct answer as this assumes the formulae for series and parallel resistors are the same</p> <p>C is not the correct answer as this assumes the formulae for series and parallel resistors are the same</p>	(1)
---	---	-----