

8	<p><b>B is the correct answer as the potential across the 0.25m section of PQ is 1.0V, and the potential across the 0.25m section of RS is also 1.0V, leaving 2.0V of p.d. to make the sum of the p.d.s equal to the sum of the e.m.f.s on that loop of the circuit passing through the voltmeter.</b></p> <p>A is not the correct answer as a p.d. of 1.0V would require an e.m.f. of 3.0V  C is not the correct answer as a p.d. of 3.0V would require an e.m.f. of 5.0V  D is not the correct answer as a p.d. of 4.0V would require an e.m.f. of 6.0V</p>	(1)
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