Name: Class:



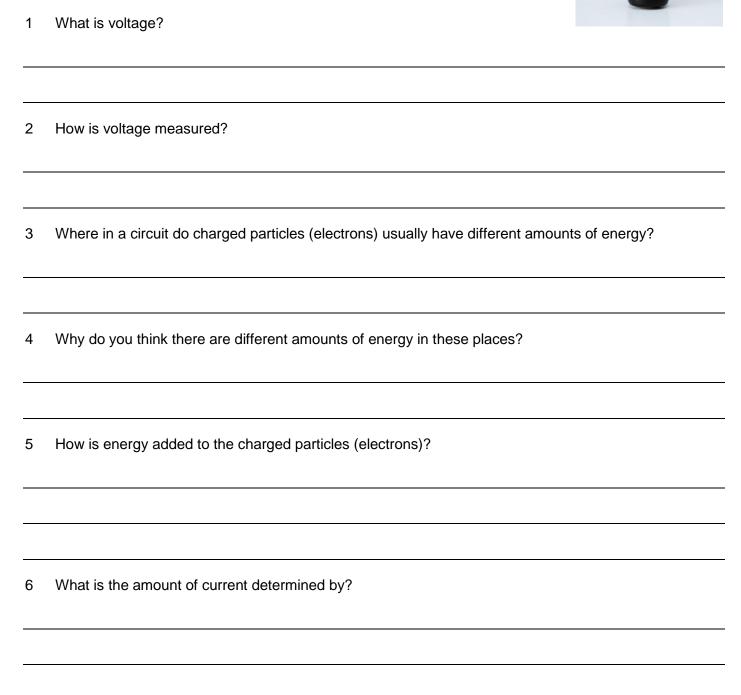


Literacy support worksheet

5.8 Voltage is the difference in energy between two parts of a circuit. Resistance makes it difficult for current to flow in a circuit

Pages 110-111 and 212-213

Voltage, current, resistance and Ohm's law



OXFORD SCIENCE

WESTERN AUSTRALIAN CURRICULUM

Name:

Class:



7	What is electrical resistance?					
8	State two purposes of a resistor in a circuit.					
9	What is resistance measured in?					
3	What is resistance measured in:					
10	What is a:					
	a thermistor?					
	b potentiometer?					
11	State three everyday objects that act as resistors.					
12	Write Ohm's law in words and as an equation.					

OXFORD SCIENCE WESTERN AUSTRALIAN CURRICULUM Name: Class:





or

or

F

Т

13 Draw a voltameter being used to measure the voltage in a circuit.							
W	ORI	DETECTIVE					
14 True or false Read pages 110 and 111 then circle whether the sentences are true or false.							
	а	The voltage is the difference in potential energy at different points in a circuit.	Т	or	F		
	b	Resistance is a measure of how easy it is for current to flow in a circuit.	Т	or	F		
	С	Electrons will have different amounts of energy before and after a globe.	Т	or	F		
	d	Batteries add energy to charged particles.	Т	or	F		

When electrons collide in the wires, all of their electrical energy converts to heat.

Most connecting wires are thin and good conductors.

е

f