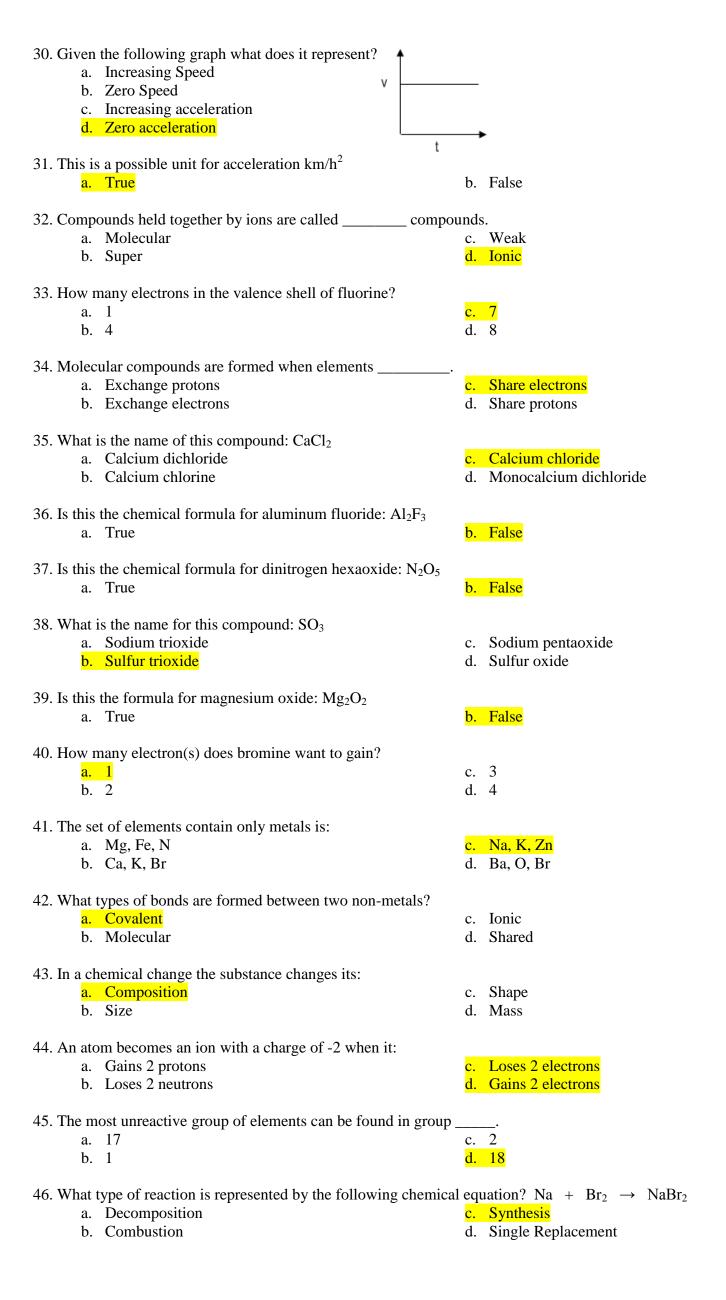
Science 10 Exam Review Practice Multiple Choice

1.	a.	s the charge of an electron? Positive Negative	c.	Neutral		
2.	a.	s the term for electricity that does not move? Static Current		Kinetic Ionic		
3.	a.	oon is rubbed in human hair. How will the electrons be to Balloon to hair Hair to balloon		sferred? Electrons will not move		
4.	a.	ve Charges attract charges. Positive Negative		Neutral Both positive and negative		
5.	a.	an object is charged without touching, it is said to be characteristic.	c.	d by: Induction Static		
6.	a.	ons can move the easiest through which of the following Bread Copper	c.	terials? Hair Plastic		
7.	a.	s the name for the material that does not allow electrons Insulator Conductor	c.	easily travel through it? Terminator Ammeter		
8.	a.	c potential is known as: Current Resistance		Circuitry Voltage		
9.	a.	device measures the electrical energy in a circuit? Ammeter Thermometer		Voltmeter Ohmmeter		
10.	a.	of the following measures the electric current in a circumanneter Thermometer	c.	Voltmeter Ohmmeter		
11.	a.	rcuit, what is another name for a light bulb? Power source Conductor		Switch Load		
12.	a.	ery consists of two or more in series. Cells Light bulbs		Ammeters Switches		
13.	13. A circuit contains three light bulbs in series. Where should a switch be places to turn all the lights on or off?					
	a.	Next to the first light bulb Next to the second light bulb		Next to third light bulb Anywhere in the circuit		
14.	identic a.	dentical light bulbs are connected in series. How will the cal bulb is added in series. Lights will get brighter Lights will get dimmer		ghtness of those lights change if another Brightness will not change		
15.	Theore a.	dentical light bulbs are connected in parallel. A third ide etically, how will the brightness of the original lights cha Lights will get brighter Lights will get dimmer	ınge			

16. Using Ohm's law, what is the current drawn from a 12V battery if the circuit contains 5.5 Ohms of resistance?					
	6.5A	c.	0.46A		
	66A		2.18A		
<mark>a.</mark>	current is drawn from a 24V battery. What is the resis 10.4 ohms 55.2 ohms	c.	e in the circuit? 0.095 ohms 21.7 ohms		
	7, <i>Thrust SSC</i> , the world's fastest jet-engine car, travele of time it took in <i>minutes</i> was:	a 60	8m at an average speed of 350m/s. The		
a.	104.4 1.7		0.0096 0.028		
	ea under a velocity-time graph represents?				
	Slope Distance		Time Acceleration		
20. Given t	the following number: 234506 which of the following is	s cor	rectly rounded to 3 significant digits.		
a.	234 000	c.	234		
b.	235 000	d.	23500		
21. An obje	ect travels equal amounts of distance in equal amounts	of ti	me. This is an example of		
a.	Average acceleration	c.	Constant acceleration		
b.	Average speed	d.	Constant speed		
22. A car tr	ravels 275 km in 3.5 hours. What is the average speed	of th	e car?		
	78.6 km/h		0.013km/h		
D.	271.5km/h	a.	962.5km/h		
	nuch time does it take a car driving 32m/s to drive 272m				
	8704s 0.12s		8.5s 240s		
υ.	0.125	u.	2703		
24. A cart is speed?	rolls down a hill and accelerates at 3.5m/s^2 for 8.0s. If	the i	nitial speed was 3.0m/s what is its final		
	35m/s		25m/s		
b.	28m/s	a.	31m/s		
the uni	s the acceleration of an object that goes from 15m/s to 6 t m/s ²)?				
	6.5 4.0		20.2 63		
U.	4.0	u.	03		
26. What w	vas the initial speed of an object that accelerated at 5.5ns?	n/s^2	for 25 seconds to reach a final speed of		
	47.5m/s 322m/s		0.0m/s 1.3m/s		
υ.	32211/8	u.	1.311/8		
	nany seconds are required for a car to go from 12m/s to				
	0.17s 11s		6.0s 150s		
0.	113	u.	1303		
a. b.	erage speed and the instantaneous speed will be the sam an average speed taken at the bottom of an incline as a instantaneous speed taken when he reaches the top of t any point as a leaf is falling from a tree to the ground a car traveling at 80km/h	skat	eboarder travels up the incline and the		
	a car traveling at 60km/h and then speeding up to 80 km	m/h			
	the precision rule what would be the correct answer to the		ollowing question:		
a .	5.55 m + 12.8 m - 6.565 m 11.785	c.	11.8		
	11.79		11.7		



- 47. Which of the following is a product in all combustion reactions?

 a. Hydrogen

 c. Carbon dioxide
 - b. Carbon d. Carbon monoxide
- 48. What type of reaction is represented by the following chemical equation? $Ca_3(PO_4)_2 \rightarrow Ca + PO_4$
 - a. Synthesis
 - b. Decomposition

- c. Single replacement
- d. Double replacement
- 49. Which of the following is in the orbit around the nucleus:
 - a. Protons

c. Electrons

- b. Neutrons
- 50. Which one of the following in an example of a change of state?
 - a. Salt is dissolved in water
 - b. An ice cube melts
 - c. An ice cube is broken into many pieces
 - d. Sodium and chlorine combine to produce table salt