	*					
SCORE:		Name: Cayce		Cayce Beames		
GRADE:				Date:	Date: 9/11/19	
-	ass their	WORKSHEET		Period:		
	Same A Till	OHM'S LAW				
1.	ectly prope	states that current is operational to a) voltage proportional to b) resistan	and	1A. 1B.	voltage	
2.	Using the (	OHM'S law triangle below 3 OHM'S law formulas.		2A. 2B.	V = I x R I = V / R	
		MATCHING		P( ) 2C.	R = V/I	
3.	Current is	measured in:	a. resis	stance 3.	d	
4.	V is the le	etter symbol for:	b. volts	4.	C	
5.	R is the le	etter symbol for:	c. volta	age 5.	a	
6.	Voltage is	measured in:	d. amper		b / 0/	
7.	Resistance	is measured in:	e, curre		and the first	
8.	I is the le	etter symbol for:	f. OHMS	8.	е	
9.	Conductance	e is measured in:	g. sieme	ens 9.	g	
0.	Using the o	circuit below:			130 181 900	
OV	a. Identifing the	Ty the "R" (resistance) circuit.	value	10A.	5Ω	
	b. Identif	y the "V" (voltage) val	lue in	108.	10Vdc	
	c. Identif	y the "I" (current) val	lue in	10C.	2A	

Name: Cayce Beames

Date: 9/11/19

Period:

## OHM'S LAW MATCHING:

18. 
$$V = 52V$$
,  $R = 4n$ ,  $I = _____$ 

19. 
$$R = 1,000$$
n,  $I = .2A$ ,  $V = ______$ 

21. 
$$I = .01A$$
,  $R = 4,700$  $\Omega$ ,  $V = _{-}$ 

23. 
$$I = 2A, V = 4,560V, R =$$

Work for Prob. 21

 $V = .01A * 4,700\Omega$ 

V = 47

$$I = 52V / 4\Omega$$
  
 $I = 13A$   
b.

$$V = 1,000\Omega * .2A$$
  
 $V = 200A$   
e.

$$R = 15V / .5A$$
  
 $R = 30\Omega$ 

Work for Prob. 22

$$I = 15V / 100\Omega$$
  
 $I = .15A$   
a.

## Work for Prob. 23

$$R = 4,560V / 2A$$
  
 $R = 2280\Omega$