

Period:		EXPERIMENT #2: GRAPH								H	Can B	
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					EXPERI	MENT #2	QUESTIC	ONS				
1. What v	was the	primary ty	pe of heat t	ransfer that	took place du	ıring this exp	eriment? (cir	ccle one) (	Conduction	Convecti	on	Radiation
2. What i	s the ke	y term ass	ociated with	this sort of	heat transfer	·?						
3. Descri	be an e	veryday ex	ample of thi	s sort of hea	t transfer.							
4. Using 1	the gra	ph you crea	ited above, a	ınd the form	ula found on	page 1 of the	ESRT, calculo	ate the rate o	f change for	the tempera	ture of the	e water in
					ll your work.		·		J	-		
5. Using 1	the gra	ph you crea	ited above, a	ınd the form	ula found on	page 1 of the	ESRT, calculo	ate the rate o	f change for	the tempera	ture of the	e water in
can B	over the	course of t	this experim	ent. Show al	l your work.							
6. Which	th cup experienced a greater rate of change? Explain what that means AND why this occurred.											
7 What:	e the re	lationchin	hatzuraan tha	color of a c	ırface and the	e rate at whi	ch it absorbs	heat energy?				
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