			Period	Date
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. F	or each pair of subs	tances, circle the subs	stance with more thermal	energy and explain why
	•	35°C vs. 500 g of wate		g,
	J	J		
b	o. 500 g of water at	35°C vs. 250 g of wate	er at 35°C	
	For each pair of substances, circle the substance that will take more energy to heat from 20°C to 100°C and explain why.			
а	. 30 g of water vs.	300 g of water		
b	o. 500 g of iron vs. 5	500 g of silver		
. F	Explain why a can of	soda from the refriger	ator feels cold in your ha	nd.
. –			,	
	How much heat must be absorbed by a 500 g pot of water in order to raise the temperature from 20°C to 30°C?			
tr				o raise the temperature
	GIVEN	WORK		o raise the temperature ANSWER
		WORK		
		WORK		
		WORK		
5. A	GIVEN A hot 0.25-kg piece o	of iron is placed in a ca	llorimeter containing roor s from 125°C to 75°C?	ANSWER
5. A	GIVEN A hot 0.25-kg piece o	of iron is placed in a ca	alorimeter containing roor s from 125°C to 75°C?	ANSWER
5. A	GIVEN A hot 0.25-kg piece of tow much heat is los	of iron is placed in a ca st by the iron as it cool		ANSWER n temperature water.
5. A	GIVEN A hot 0.25-kg piece of tow much heat is los	of iron is placed in a ca st by the iron as it cool		ANSWER n temperature water.
5. A	GIVEN A hot 0.25-kg piece of tow much heat is los	of iron is placed in a ca st by the iron as it cool		ANSWER n temperature water.

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