Name	Score
Directions: Answer questions 1 through 5 on you	r knowledge of earth science, the
earth science reference tables and the problems below. Use the steps below to	
solve the equations.	
Step 1: Write the complete equation	
Step 2: Substitute data into the equation with units	
Step 3: Solve the equation with proper units rounding to the tenths	
1. If the temperature was 13 °C at 7 am and 19 °C	C at 4 pm what was the rate
of temperature change?	
	b.
2. If Joan determined their were 832 students in C	Grand Avenue MS and there are
actually 873 students what was Joan's percentage error?	
	e s

3. What is the mass of a 42.3 cm <sup>3</sup> sample of Galena? Use p. 16 of your ESRT to find the density of Galena.	
7 pd 60	
in the northern hemisphere. Note: you	latitude of the observer and altitude of Polaris u need to set up the axis.
5. What is the density of a sample of g	gold that has a mass of 1325.6 grams and a
volume of 68.7 cm <sup>3</sup> ?	