

Week 3 — One-variable summaries: Monday exit ticket

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Name: _____

Date: _____

Instructions

Work through each item below. Write your final response in the space provided. Show enough work that another reader can follow your reasoning.

1. For each variable below, state whether it is categorical or numerical, and name one appropriate way to summarize that single variable (a table or a type of graph).
 - (a) Blood type (A, B, AB, or O) for the patients on a hospital ward.
 - (b) Resting heart rate (beats per minute) for those same patients.

2. A genetics study records the genotype at one gene location for 595 participants. The counts are: CC 173, CT 261, TT 161.
 - (a) What proportion of participants have the CT genotype? Round to two decimals.
 - (b) Name one appropriate graph for displaying this single categorical variable.