

1) Classify each of the following as N, nominal; O, ordinal; or I/R, interval/ratio data: **Answer**

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|---|-----|
| a. zip code of your local address | N |
| b. letter grade you will receive in this class | O |
| c. country you were born in | N |
| d. amount of money you have with you | I/R |
| e. mileage (miles per gallon) your car gets | I/R |
| f. brand of chocolate you prefer | N |
| g. year of your birth (A.D.) | N |
| h. weight of your pet | I/R |
| i. degrees earned by your teachers | N |
| j. egg sizes (Small, Medium, Large, Extra Large, Jumbo) | O |



2) Which of the following is an example of a continuous variable? **Answer**

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|---|------------|
| A: Family income | Discrete |
| B: Number of students in a statistics class | Discrete |
| C: Zip codes of shoppers | Continuous |
| D: Rankings of baseball teams in a league | Continuous |