

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

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

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

**Answer**

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

CONTINUOUS VARIABLE

as zip codes of shoppers keep changing continuously with each new shopper