



2 (8 points). For each variable, determine whether it's *qualitative* or *quantitative*. For each qualitative variable determine whether it's *nominal* or *ordinal*. For each quantitative variable determine whether it's *discrete* or *continuous*, and whether it's *interval* or *ratio*.

(a) Color of a pen

(b) The number of planets in a star system

(c) Type of an Olympic medal (like bronze, silver, or gold)

(d) Day of the month

(e) Gender of a newborn child

(f) Speed of a car in mph

(g) Amount of money in a jar full of pennies

(h) T-shirt size (like S, M, L, XL, or XXL)