

AP Stat

Osborne

Types of Variable Hmwk

Name :
Period:

1-7. Classify each as nominal-level, ordinal-level, interval-level, or ratio-level data.

- Horsepower of motorcycle engines.
- Ratings of newscasts in Houston (poor, fair, good, excellent).
- Temperature of automatic popcorn poppers.
- Time required by drivers to complete a course.
- Salaries of cashiers of Day-Night grocery stores.
- Marital status of respondents to a survey on savings accounts.
- Ages of students enrolled in a martial arts course.
- Weights of beef cattle fed a special diet.
- Rankings of weight lifters.
- Pages in the telephone book for the city of Los Angeles.

8. (ans) Classify each variable as qualitative or quantitative.

- Colors of jackets in a men's clothing store.
- Number of seats in classrooms.
- Classification of children in a day care center (infant, toddler, preschool).
- Length of fish caught in a certain stream.
- Number of students who fail their first statistics test.
- Capacity (in gallons) of water in swimming pools.
- Number of pizzas sold last year in the United States.

1-9. Classify each variable as discrete or continuous.

- Number of loaves of bread baked each day at a local bakery.
- Water temperature of the saunas at a given health spa.

10. Incomes of single parents who attend a community college.

Lifetimes of batteries in a tape recorder.