

UNIT 6: STATISTICS

DEF

STATISTICAL QUESTION: A QUESTION THAT CAN HAVE A VARIETY OF ANSWERS.

EXAMPLES:

- HOW MANY BOOKS DID MY FRIENDS READ THIS SUMMER?

- HOW TALL ARE MY CLASSMATES?

NON-EXAMPLES:

- HOW MANY STATES ARE IN THE US

- HOW OLD AM I?

- HOW MANY STUDENTS ARE IN MY 2ND PERIOD?

DEF

OUTLIER: A VALUE THAT IS FAR AWAY (STANDS OUT) FROM OTHER VALUES IN A DATA SET.

2, 3, 5, 3, 2, 100 ← OUTLIER

TYPES OF DATA SETS

REPRESENTATIVE - ALL POPULATION (ALL SUBSETS)

RANDOM - RANDOM SELECTION

BIASED - LEANS ONE DIRECTION, FAVORS ONE GROUP