

# ANSWER PRESENTATION TOOL

Advanced 1 - Student E

9

Quiz 1

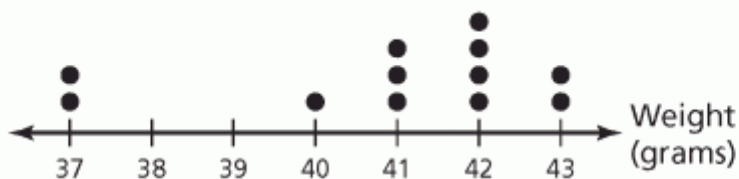
1-12

ALL EVEN

Show Solu

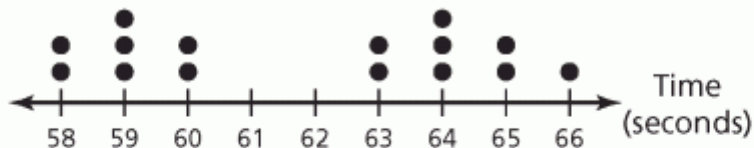
ODD

1.



Most of the data are clustered around 42. There is a peak at 42 and a gap between 40 and 37.

2.



Most of the data are clustered around 59 or 64. There are peaks at 59 and 64. There is a gap between 60 and 63.

3. 10

4. 9

5. median: 5; mode: 3

6. median: 37; mode: 56

7. mean: 57.5; median: 44.5; mode: 47;

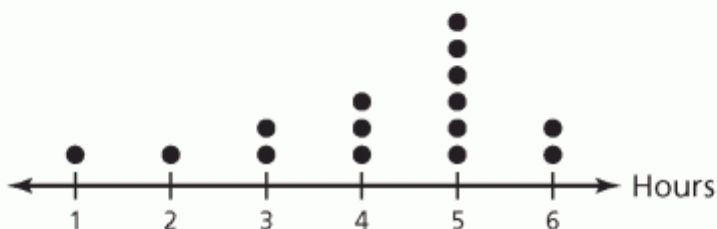
*Sample answer:*

The median best represents the data because the mean and mode are greater than most of the data.

**8.** mean: 45.2; median: 56;  
mode: none; *Sample answer:* The median best represents the data because there is no mode, the mean is less than most of the data, and the median is very close to most of the data.

**9. a.** yes; It is a statistical question because you would anticipate variability in the hours spent on exercising each week by students.

**b.**



Most of the hours cluster around 5. The peak is 5. There is no gap.

**c.** Most students spend about 5 hours exercising during the week.

**10.** 8 emails

**11.** median: 18.5; mode: 20

**12.** *Sample answer:* With the outlier, the median (2.8) best represents the data because the mean (4) is greater than most of the data and the mode (2.2) is less than the rest of the data. Without the outlier, the mean (2.725) or the median (2.7) best represent the data because the mode (2.2) is less than the rest of the data.