

Name _____

CALCULATING THE MEAN #4--KEY

Directions: Calculate the *mean* for each set of numbers below. To find the *mean* of a set of numbers, add all of the data together, then divide that sum by the amount of numbers in the set.

Example: Mike received the following scores on his Math tests: 100, 90, 80, 100, 90. Find his mean test score.

$$100 + 90 + 80 + 100 + 90 = 460 \text{ total points}$$

$$460/5 \text{ tests gives you a mean of } \mathbf{92}$$

points

- 1) Steve received the following scores on his Math tests: 100, 80, 70, 100, 60, 70. Find his mean score.
 $480/6 = \text{A mean of } 80 \text{ points}$
- 2) Melissa received the following amounts as graduation gifts: \$20, \$25, \$25, \$50, \$10, \$20, \$20, \$30. Find the mean amount of her gifts.
 $200/8 = \text{A mean of } \25
- 3) Derrick scored the following amount of points during his basketball season: 12, 8, 10, 8, 2, 12, 14, 10, 8, 6. Find his mean scoring average.
 $90/9 = \text{A mean of } 10 \text{ points}$
- 4) Jennifer recorded the following temperatures while researching her science project: 90, 60, 55, 60, 55, 75, 75, 70, 75, 80, 75. Find the mean temperature that she recorded.
 $770/11 = \text{A mean of } 70 \text{ degrees}$
- 5) Carlos watched 3 hours of TV on Monday, 2 on Tuesday, 1 on Wednesday, 0 on Thursday, 3 on Friday, 2 on Saturday, and 3 on Sunday. What is the mean number of hours of TV that he watched that week?
 $14/7 = \text{A mean of } 2 \text{ hours}$
- 6) DeAndre earned the following amount while working his summer job each week: \$100, \$80, \$90, \$60, \$100, \$20, \$80, \$90, \$100, \$80, \$80. What is the mean amount that he earned each week?
 $880/11 = \text{A mean of } \80
- 7) Don read the following number of pages of his favorite book each night before bed: 10, 20, 10, 20, 40, 10, 10, 20, 40. What is the mean number of pages that he read every night?
 $180/9 = \text{A mean of } 20 \text{ pages}$
- 8) Michelle did the following number of sit-ups every day to get ready for soccer season: 25, 25, 30, 40, 50, 50, 50, 50. What is the mean number of sit-ups that she did each day?
 $320/8 = \text{A mean of } 40 \text{ sit-ups}$
- 9) Anthony earned the following amount for baby sitting his brother over winter break: \$5, \$10, \$10, \$10, \$5, \$10, \$20, \$10, \$5, \$20, \$20, \$20, \$10, \$5, \$5. What is mean amount that he earned

each day?

$$165/15 = \text{A mean of } \$11$$

- 10) Jason spent the following number of minutes on his homework last week: 10, 20, 30, 20, 20, 20, 20. What is the mean amount of time that he spent on his homework?

$$140/7 = \text{A mean of } 20 \text{ minutes}$$