

Name _____

CALCULATING THE MEAN #5

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

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

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

- 1) Joshua received the following scores on his Math tests: 80, 84, 100, 80, 70, 100, 60, 70. Find his mean score.
- 2) Melissa recorded the following heights of some of her classmates: 60 inches, 48 inches, 62 inches, 60 inches. Find the mean height of her classmates.
- 3) Alexander measured the shoe size of his classmates and received the following data: 8, 7, 8, 6, 10, 5, 10, 8, 6, and 6. Find the mean shoe size of his classmates.
- 4) Jennifer recorded the following temperatures while researching her science project: 90, 60, 55, 60, 55, 75, 75, 70, 75, 80. Find the mean temperature that she recorded.
- 5) Emma received the following amounts as graduation gifts: \$40, \$25, \$25, \$50, \$10, \$20, \$20, \$30. Find the mean amount of her gifts.
- 6) William earned the following amount while working his summer job each week: \$90, \$100, \$90, \$90, \$100, \$80, \$80, \$90, \$100, \$80, \$90. What is the mean amount that he earned each week?
- 7) Joseph read the following number of pages of his favorite book each night before bed: 14.5, 20, 10, 20, 40, 10, 10, 20, 40. What is the mean number of pages that he read every night?
- 8) Emily did the following number of push-ups every day to get ready for soccer season: 29, 25, 30, 40, 50, 50, 50, 50. What is the mean number of sit-ups that she did each day?
- 9) Anthony earned the following amount for baby sitting his brother over summer break: \$5, \$20, \$10, \$10, \$5, \$10, \$20, \$10, \$5, \$30, \$20, \$30, \$10, \$5, \$12.50. What is mean amount that he earned each day?
- 10) Madison ran the following number of miles each day to prepare for the marathon: 6, 6, 7, 7, 8, 8, 9, 9, 10, 12, 14, 16, 18, 20, 20, 22, 24, 26, 26, 26. Find the mean amount of miles she ran each day.
$$\mathbf{294/20 = A \text{ mean of } 14.7 \text{ miles}}$$

