

Averages: Mean, median & mode

Data and Graphing Worksheet

Find the mean, median and mode of each word problem.

Show your work and write your answer in the space provided.

1. The school nurse recorded the height in inches of eight Grade 5 students : 50, 52, 51, 56, 52, 57, 60, 62.

Mean: _____ Median: _____ Mode: _____

2. Bryan had his workout routine and tracked the time he had each day for a 1 week-period. The time in minutes were as follows: 45, 60, 50, 55, 40, 75, 60.

Mean: _____ Median: _____ Mode: _____

3. Rica and Kathy organized a fund raising event. On the first day, they collected the following amounts: \$14, \$15, \$30, \$25, \$20, \$18, \$18, \$12, \$22.

Mean: _____ Median: _____ Mode: _____

Answers

1. The school nurse recorded the height in inches of eight Grade 5 students : 50, 52, 51, 56, 52, 57, 60, 62.

$$50, 51, 52, \underline{52}, \underline{56}, 57, 60, 62$$

$$(52 + 56) \div 2 = 54$$

$$50 + 51 + 52 + 52 + 56 + 57 + 60 + 62 = 440$$

$$440 \div 8 = 55$$

Mean: 55 Median: 54 Mode: 52

2. Bryan had his workout routine and tracked the time he had each day for a 1 week-period. The time in minutes were as follows: 45, 60, 50, 55, 40, 75, 60.

$$40, 45, 50, \underline{55}, 60, 60, 75$$

$$40 + 45 + 50 + 55 + 60 + 60 + 75 = 385$$

$$385 \div 7 = 55$$

Mean: 55 Median: 55 Mode: 60

3. Rica and Kathy organized a fund raising event. On the first day, they collected the following amounts: \$14, \$15, \$30, \$25, \$20, \$18, \$18, \$12, \$22.

$$12, 14, 15, 18, \underline{18}, 20, 22, 25, 30$$

$$12 + 14 + 15 + 18 + 18 + 20 + 22 + 25 + 30 = 174$$

$$174 \div 9 = 19.33$$

Mean: 19.33 Median: 18 Mode: 18