

Mean and Mode

1. Identify the mode in each data set.

a. 2, 2, 3, 4, 4, 4, 5

b. 1, 1, 2, 3, 3, 3, 2

c. 9, 8, 6, 4, 9, 7, 9

d. 0, 0, 1, 2, 3, 1, 0

e. 5, 5, 5, 5, 5, 5

f. 2, 3, 4, 5, 6, 7

2. Find the mean of each data set.

a. 2, 1, 3, 3

b. 9, 4, 3, 8, 6, 6

c. 10, 2, 0, 20

d. 18, 6, 18

e. 19, 4, 16, 2, 4

f. 12, 17, 9, 14

g. 10, 8, 15, 13, 4

h. 7, 0, 1, 0

i. 9, 4, 11

j. 7, 20, 17, 20

k. 3, 6, 2, 5

l. 16, 14, 12, 8, 15

3. Worded problems — find the mean.

a. The temperature in Melbourne over 5 days was 10, 3, 11, 5 and 6 degrees. Find the mean temperature.

b. A student received the following scores on quizzes: 7, 6, 8, 9, 10. What was their average score?

c. A car travelled 90, 120, 105, 75, and 110 km over 5 days. What was the average distance per day?

d. Five friends collected \$12, \$17, \$9, \$15, and \$14 each for a fundraiser. What was the mean amount collected?

e. Over six games, a team scored: 2, 0, 1, 3, 4, 2 goals. What was their average number of goals?

f. A student's running times (in minutes) were: 6, 7, 5, 8, 9. What was their average time?