

Problem-Solving Practice**5SDAP1.1***Mean***Solve. Find the mean to the nearest whole number.**

1. Janice is selling cookies for her scout troop. One day she sold 10 boxes, the next day 15, the third day she sold 12, and on the fourth day she sold 13. How many does she need to sell on the 5th day to reach her goal of an average of 13 boxes a day?

2. Clarence counted birds for a science project in the park every day for a week. He noticed 4 cardinals on the first day, 3 on the second day, 6 on the third day, and none on the fourth day. What is the average number of cardinals during the 4 days?

3. Each of Tabitha's friends has pets. Billy has 3 rabbits, Terrence has 4 kittens, Sarah has 2 goldfish, and Brianna has 1 dog. What is the average number of pets Tabitha's friends own? Remember to round up to the nearest whole number.

4. Shelly had 4 friends come to her house to study one day after school. The next day 6 friends came over to study, the third day only 2 friends came over. What is the average number of people who came to Shelly's house?

5. Jason downloaded songs for his MP3 player every week for a month. One week he downloaded 15 songs, the second week he downloaded 12, the third week he downloaded 10, and the fourth week he downloaded 20. What is the average number of songs he downloaded each week?

6. Write a problem in which the mean of a set of data must be determined.

