Problem

Examine the following formal descriptions of sets so that you understand which members they contain. Write a short informal English description of each set.
a. {1, 3, 5, 7, }
b. { , -4, -2, 0, 2, 4, }

d. $\{n \mid n = 2m \text{ for some } m \text{ in } N, \text{ and } n = 3k \text{ for some } k \text{ in } N\}$

 $\textbf{e.} \ \{wl \ w \ is \ a \ string \ of \ 0s \ and \ 1s \ and \ w \ equals \ the \ reverse \ of \ w\}$

The set of all integers that are equal to one added to that number.

f. $\{n \mid n \text{ is an integer and } n = n + 1\}$

c. $\{n \mid n = 2m \text{ for some } m \text{ in } N\}$

Step-by-step solution

Step 1 of 5	
a)	
A set of all odd natural numbers.	
b)	
A set of all even integers.	
Comment	
Step 2 of 5	
C)	
A set of all even natural numbers.	
(or) A set of all natural numbers divisible by 2.	
Comment	
Step 3 of 5	
d)	
A set of all natural numbers, divisible by both 2 and 3.	
(or) A set of all natural multiples of 6.	
Comment	
Step 4 of 5	
е)	
The set of all strings comprising of 0's and 1's and every string is a palindrome.	
Comment	
Step 5 of 5	