Sets introduction   NAME:

We will practice the meaning and notation of sets.

1. For each description, write the set using listing notation.
a.) the multiples of 10 that are less than or equal to 100

b.) the last names of the last three US presidents (including the current one)

2. Use one of the sets from question 1 to illustrate the uses of the $\in$ and the $\notin$ symbols. You may abbreviate the set as S; return to question 1 to label your chosen set.

3. For each set, find the cardinal number. Use the notation $n(S)$ as shown in the notes.
a.) S = {$x : x$ is a multiple of 10 that is less than or equal to 100}

b.) S = {6, 12, 18, 24, 30}

c.) S = {$p: p$ is a woman *and* has been a US president}