

## Sets worksheet

1. a. All the colours in the rainbow.  
c. All the honest members in the family  
d. All the consonants of the English alphabet.  
h. All the prime nos. less than 100  
i). All the letters in the word GEOMETRY

2. a)  $\in$   
b)  $\notin$   
c)  $\in$   
d)  $\in$   
e)  $\in$   
f)  $\notin$

3. a)  $\{x: x \text{ is even and } x \leq 8\}$   
b)  $\{x: x = 3n, n \in \mathbb{N}, n \leq 5\}$   
c)  $\{x: x = n^2, n \leq 5, n \in \mathbb{N}\}$   
d)  $\{x: x \text{ is odd}, n \in \mathbb{N}\}$   
e)  $\{x: x \text{ is even}, 4 \leq x \leq 52\}$   
f)  $\{x: x, -10 \leq x \leq 5, n \in \mathbb{W}\}$   
g)  $\{x: x = 0\}$   
h)  $\{x: x = \}$