

6. let the integers be  $x$ ,  $x+1$ ,  $x+2$   
according to condition

$$x + x + 1 + x + 2 = 51$$

$$\Rightarrow 3x = 51 - 3$$

$$\Rightarrow 3x = 48$$

$$\Rightarrow x = \frac{48}{3} = 16$$

$$\Rightarrow x = 16$$

$\therefore$  numbers are 16

$$16 + 1 = 17$$

$$16 + 2 = 18$$

7. let multiples be  $x$ ,  $x+8$ ,  $x+16$   
according to condition

$$x + x + 8 + x + 16 = 888$$

$$\Rightarrow 3x = 888 - 24$$

$$\Rightarrow x = \frac{864}{3} = 288$$

$$\Rightarrow x = 288$$

$\therefore$  required multiples of 8 are

$$288,$$

$$288 + 8 = 296$$

$$288 + 16 = 304$$