

4(ii)  $p(x) = x - 5$   
 For finding zero  
 $x - 5 = 0$   
 $\Rightarrow x = 5$   
 $\therefore 5$  is a zero of  $p(x)$

4(iii)  $p(x) = 2x + 5$   
 For finding zero  
 $2x + 5 = 0$   
 $\Rightarrow x = -\frac{5}{2}$   
 $\therefore -\frac{5}{2}$  is a zero of  $p(x)$

4(iv)  $p(x) = 3x - 2$   
 For finding zero  
 $3x - 2 = 0$   
 $\Rightarrow x = \frac{2}{3}$   
 $\therefore \frac{2}{3}$  is a zero of  $p(x)$

4(v)  $p(x) = 3x$   
 For finding zero  
 $3x = 0$   
 $\Rightarrow x = 0$   
 $\therefore 0$  is a zero of  $p(x)$

4(vi)  $p(x) = ax, a \neq 0$   
 For finding zero  
 $ax = 0$   
 $\Rightarrow x = \frac{0}{a}$   
 $\Rightarrow x = 0$   
 $\therefore 0$  is a zero of  $p(x)$

4(vii)  $p(x) = cx + d, c \neq 0$   
 For finding zero  
 $cx + d = 0$   
 $\Rightarrow x = -\frac{d}{c}$   
 $\therefore -\frac{d}{c}$  is a zero of  $p(x)$