2sp. 
$$\mu = 4 = 9$$
:  $\chi \sim N(4, 9^2)$   $z = \frac{x - 4}{9}$ 
 $P\{Y \leq 1\} = P\{7 \leq \frac{1 - 4}{9}\} = P\{7 \leq -\frac{1}{9}\}$ 
 $z = 0.333$ 
 $\frac{1}{9}(-0.33) = 1 - \frac{1}{9}(0.35) = 1 - 0.6273 = 0.370$ 

Burein: 1)  $F_{\frac{1}{2}}(z) = P\{7 \leq z \} = P\{\frac{x - 4}{9} \leq z \}$ 
 $= P\{X \leq \frac{1}{9} \leq x + \frac{1}{9}\} = \frac{1}{9}(\frac{x - 4}{9}) = \frac$