

Use the iterative formula  
 $x_{n+1} = -\sqrt{5 - e^{x_n}}$  with  $x_0 = -2$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{\ln(x_n + 6)}{\ln 5}$  with  $x_1 = 0.5$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \ln(x_n + 7) + 3$  with  $x_1 = 5.5$   
 to find a solution correct to 3 decimal places

Use the iterative formula  
 $x_n = \sqrt[5]{31 - 10x_{n-1}}$  with  $x_0 = 2$   
 to find a solution correct to 3 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{x_n + 2}{5x_n + 12}$  with  $x_1 = 0$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{4}{x_n^2} + 4$  with  $x_1 = 4.5$   
 to find a solution correct to 3 decimal places

Use the iterative formula  
 $x_{n+1} = -\sqrt{5 - e^{x_n}}$  with  $x_0 = -1$   
 to find  $x_3$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \sqrt[4]{6 + \frac{x_n}{4}}$  with  $x_1 = 2$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{1}{8}(5 - x_n^3)$  with  $x_1 = 0.5$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{1}{4} \tan^{-1} \left( \frac{1}{4x_n} \right)$  with  $x_1 = 0.2$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{2 - x_n^3}{3}$  with  $x_1 = 0.6$   
 to find a solution correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{1}{8}(\cos^{-1} x_n - 3)$  with  $x_1 = -0.2$   
 to find  $x_3$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \frac{1}{5}(x_n^4 - 3)$  with  $x_1 = -0.6$   
 to find  $x_4$  correct to 4 decimal places

Use the iterative formula  
 $x_{n+1} = \sqrt{5 + \frac{6}{x_n}}$  with  $x_1 = 2$   
 to find  $x_4$  correct to 4 decimal places