Use the iterative formula
$x_{n+1} = ln(x_n + 7) + 3$ *with* $x_1 = 5.5$
to find a solution correct to 4 decimal places

5.5280

Use the iterative formula
$x_{n+1} = \sqrt[3]{-10x_n - 1}$ *with* $x_1 = 2$
to find a solution correct to 4 decimal places

1.6961

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

−2.2114

Use the iterative formula
$x_{n+1} = \sqrt[5]{-2 - x_n}$ *with* $x_0 = 1$
to find x3 correct to 4 decimal places

1.8724

0.5961

Use the iterative formula
$x_{n+1} = \sqrt[3]{\frac{x_n}{5} - 1}$ *with* $x_1 = 1.58$
to find x3 correct to 4 decimal places

1.5530

Use the iterative formula
$x_{n+1} = \sqrt[4]{\frac{-4}{x_n} - 2}$ *with* $x_1 = 2$
to find x3 correct to 4 decimal places

2.7330

Use the iterative formula
$x_{n+1} = \sqrt[5]{x_n + 3}$ *with* $x_1 = 0.6$
to find a correct to 4 decimal places

−0.5776

Use the iterative formula
$x_{n+1} = \frac{1}{6} + \frac{1}{x_n} + 3$ *with* $x_1 = 1.85$
to find x3 correct to 4 decimal places

1.2286

Use the iterative formula
$x_{n+1} = \frac{\sin(x_n)}{x_n}$ *with* $x_1 = 0.5$
to find x3 correct to 4 decimal places

1.6544

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*

0.2180

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

4.2242

Use the iterative formula
$x_{n+1} = \frac{1}{8}(x_n^2 - x_n)$ *with* $x_1 = 0.5$
to find x correct to 4 decimal places

0.5984

−0.1594

Use the iterative formula
$x_{n+1} = \sqrt[3]{\frac{-2}{x_n} - 1}$ *with* $x_1 = 2$
to find x correct to 4 decimal places

−2.2114

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*

2.6923

Use the iterative formula
$x_{n+1} = \sqrt[4]{\frac{x_n + 12}{x_n + 2}}$ *with* $x_1 = 0$
to find a correct to 4 decimal places

2.3370

Use the iterative formula
$x_{n+1} = 0.4 - \frac{1}{5}\cos x_n$ *with* $x_1 = 0.2$
to find x_3 *correct to 4 decimal places*

0.2041

Use the iterative formula
$x_{n+1} = \frac{1}{6}\sqrt{59 - \frac{7}{4}x_n}$ *with* $x_1 = 4$
to find x_5 *correct to 4 decimal places*