

Iteration Homework

1a) Show $x^2 - 4x - 6 = 0$ rearranges to

$$x = 4 + \frac{6}{x}$$

b) $x_{n+1} = 4 + \frac{6}{x_n} \quad x_1 = 3$

Find x_2, x_3, x_4 and x_5

2) Solve to 2 decimal places

$$x_{n+1} = \frac{1 + 3x_n}{2x_n} \quad x_1 = 1$$

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Mark:

Grade:

I did well at:

To Improve I need to:

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