# Question 1

Solve the following simultaneous equations:

$$\begin{aligned} 3x + y &= 7 \\ 3x^2 + y^2 &= 49 \end{aligned}$$

Give your answers to 2 decimal places where necessary.

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$(x_1, y_1) =$ _____ _____

$(x_2, y_2) =$ _____ _____

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Created using Numbas (https://www.numbas.org.uk), developed by Newcastle University (http://www.newcastle.ac.uk).

Typesetting math: 100%