Question 1

Solve the following simultaneous equations:

$$\begin{aligned} x + y &= 4 \\ 2x^2 + 2y^2 &= 64 \end{aligned}$$

Give your answers to 2 decimal places where necessary.

$(x_1, y_1) =$ _____ _____

$(x_2, y_2) =$ _____ _____

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

Typesetting math: 100%