

Blake Q's #6

June 1, 2020

These questions are all related to each other and build up. If you do not understand a section look at the solutions.

Question 1

Factorize equation 1.

$$x^2 + 9x - 10 \tag{1}$$

Question 2

Using the same formula as in question 1, find the values of x when $y = 0$.

$$x^2 + 9x - 10 \tag{2}$$

Question 3

Find the values of x when $y = 0$. Make sure to factorise first.

Hint: Factor out the x in every term first.

$$x^3 + 12x^2 + 36x \tag{3}$$