

Concept Test 2

Topic: Factorisation by Inspection

- Q1 Can the expression $x^2 + 3x + 5$ be factorised? Why or why not?
- Q2 Are there integer values of x for which the expression $x^2 - 4x + 3$ is a prime number? Explain your answer.

[Hint: In order for a number to be prime, it must have only 2 factors, the number 1 and itself. For example, $13 = 1 \times 13$ or $(-1) \times (-13)$]

- Q3 Did you encounter any difficulty in understanding the concept? Is there any area which you would like to find out more? Reflect on your learning experience.