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ACHA3000

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Introduction to mathematics and Science

(i) $x^2 + 9x + 14 = 0$

$(x + 2)(x + 7) = 0$

$x = -2$ $x = -7$

(ii) $x^2 - 7x + 10 = 0$

$(x - 5)(x - 2) = 0$

$x = 5$ $x = 2$

(iii) $x^2 + 8x - 20 = 0$

$(x - 2)(x + 10) = 0$

$x = 2$ $x = -10$

(iv) $x^2 - 49 = 0$

$(x - 7)(x - 7) = 0$

$x = -7$ $x = 7$