

ACHA3000
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2102864

5

iii) continued

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

$$x^2 - 2x + 10x - 20$$

$$x^2 + 8x - 20 = 0$$

$$x - 2 = 0 \quad x + 10 = 0$$

$$x = 2 \quad x = -10$$

$$V) \quad 2x^2 - 3x - 20 = 0$$

$$(2x-4)(x-5)$$

$$2x^2 - 10x$$

$$(2x+4)(x-5)$$

$$(2x+5)(x-4)$$

$$2x^2$$

$$2x^2 - 8x + 5x - 20 = 0$$

$$2x^2 - 3x - 20 = 0$$

$$2x + 5 = 0 \quad x - 4 = 0$$

$$2x = -5 \quad x = 4$$

$$x = -2.5$$