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 Introduction to mathematics
 and Science ACHA3000

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

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

$$x^2 - 7x + 7x - 25$$

$$x + 7 = 0 \quad x - 7 = 0$$

$$x = -7 \quad x = +7.$$

$$(v) 2x^2 - 3x - 20 = 0$$

$$(2x - 1)(x - 20) = 0$$

$$\begin{array}{r} 2x^2 - 20x - 1x + 20 \\ \hline 19 \quad x \end{array}$$

$$\begin{array}{r} i \quad 20 \\ 20 \quad 1 \\ 2 \quad 10 \\ 10 \quad 2 \end{array}$$

$$(2x - 20)(x - 1) = 0$$

$$2x -$$