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Introduction to mathematics and
Science ACTA3000

$$\begin{array}{rcl} 5) & 6x + 5y = 35 & (1) \\ & 5x - 4y = 31 & (2) \\ \hline & 24x + 20y = 140 & (3) \\ & 35x - 20y = 155 & (4) \\ \hline & 59 = 295 & \\ & x = \frac{295}{59} & \end{array}$$

$x = 5$ sub in (2) (1)

$$\begin{array}{l} \cancel{7(5) + 4y = 35} \\ 6(5) + 5y = 35 \\ 30 + 5y = 35 \\ \cancel{5y} + 5y = 5 \\ y = 1 \end{array}$$