

$$\begin{array}{r}
 269 \\
 - 70 \\
 \hline
 199 \\
 - 140 \\
 \hline
 59 \\
 - 30 \\
 \hline
 29 \\
 - 10 \\
 \hline
 19 \\
 - 10 \\
 \hline
 9 \\
 - 5 \\
 \hline
 4 \\
 - 3 \\
 \hline
 1
 \end{array}$$

$269 - 140 = 129$
 $129 : 3 = 43$
 $70 - 43 = 27$
 $43 \cdot 5 + 27 \cdot 2 = 215 + 54 = 269$

$$\begin{array}{r}
 70 \\
 - 269 \\
 \hline
 -199 \\
 + 140 \\
 \hline
 -59 \\
 + 30 \\
 \hline
 -29 \\
 + 10 \\
 \hline
 -19 \\
 + 10 \\
 \hline
 -9 \\
 + 5 \\
 \hline
 -4 \\
 + 3 \\
 \hline
 -1
 \end{array}$$

$70 \cdot 5 = 350$
 $350 - 269 = 81$
 $81 : 3 = 27$
 $70 - 27 = 43$

$269 = 43 \cdot 5 + 27 \cdot 2$
 $x = 43$
 $y = 27$

$$\begin{cases}
 x + y = 70, \\
 2x + 5y = 269.
 \end{cases}$$

$$x = 70 - y$$

$$\begin{aligned} 2(70 - y) + 5y &= 269, \\ 140 - 2y + 5y &= 269, \\ 3y &= 269 - 140, \\ 3y &= 129, \\ y &= 129 : 3 \\ y &= 43. \end{aligned}$$

$$x = 70 - 43 = 27, \quad 27$$

