$21n = 44\ldots4$

Sol

① n debe terminar en 4

②
$$\begin{array}{r} \_\_4 \\ \times 21 \\ \hline \_\_4 \\ 8 \\ \hline \_\_44 \end{array}$$

$\therefore$ la cifra de decenas es 6

(i.e., $n = \_\_64$)

③
$$\begin{array}{r} \_\_64 \\ \times 21 \\ \hline \_\_64 \\ \_28 \\ \hline 444 \end{array}$$

↑ "llevo"

$\therefore$ la cifra de las centenas es 1

(i.e., $n = \_\_164$)

④
$$\begin{array}{r} \_\_164 \\ \times 21 \\ \hline \_164 \\ 328 \\ \hline \_4444 \end{array}$$

$\therefore n = \_1164$

⑤
$$\begin{array}{r} 1164 \\ 21 \\ \hline \_1164 \\ \_2328 \\ \hline \_44444 \end{array}$$

$\therefore n = 21164$