3.9

1) $448 = 308 \cdot 1 + 140 \qquad \Longrightarrow \qquad 140 = 448 - 308 \cdot 1$

$308 = 140 \cdot 2 + 28 \qquad \Longrightarrow \qquad 28\ = 308 - 140 \cdot 2$

$140 =\ 28 \cdot 5$

$28 = 308 - 140 \cdot 2$

$\quad = 308 - (448 - 308 \cdot 1) \cdot 2 = 308 \cdot 3 + 448 \cdot (-2)$

2) $264 = 120 \cdot 2 + 24 \qquad \Longrightarrow \qquad 24 = 264 - 120 \cdot 2$

$120 =\ 24 \cdot 5$

$24 = 120 \cdot (-2) + 264 \cdot 1$