$7 : 2 \qquad 7 = 2 \cdot 3 + 1$

$a \quad b \qquad a = bq + r$

$\forall a, b \in \mathbb{N}, b \neq 0 \; \exists! \, q, r \in \mathbb{N}:$

$a > b$

$a = bq + r$

con $0 \leq r < b$

$36 = 9 \cdot 4 = 3^2 \cdot 2^2$

$= 2^2 \cdot 3^2$

$1 = 2^0 \cdot 3^0 \qquad 1 = 3^0 \cdot 5^0$

$\begin{array}{r|l} 7 & 2 \\ 1 & \textcircled{3} \end{array} \qquad 7 = 3 \cdot 2 + 1$

$MCD(24, 14) = 2$

$24 = 14 \cdot 1 + 10$

$a = bq + r$

24	14
10	1

$14 = 10 \cdot 1 + 4$

$a = bq + r$

$10 = 4 \cdot 2 + 2$

$a = bq + r$

$4 = 2 \cdot 2 + 0$