Alice:
$$p = 11$$

 $q = 17$ -7 $N = p \cdot q = 187$
 $Q = 13$ =7 $Q(N) = 10 \cdot 16 = 160$

$$1) \quad 160 = 12 \cdot 13 + 4 = 7 \quad 4 = 1.160 - 12 \cdot 13$$

1)
$$160 = 12.13$$
 -7
2) $13 = 3.4 + 1 -> 697 => 1 = 13 - 3.4$

SOMM SELECTION

NE BELLER

aus 1 m 2:

$$\Lambda = 13 - 3.4$$

$$\Lambda = 13 - 3. \left(160 - 12.13\right)$$

$$1 = -3 \cdot 160 + 37 \cdot 13$$

$$pk = (187, 13)$$
, $3k = (187, 37)$

$$m = 42$$

$$C = m \mod M$$

$$C = 42$$
 mod $187 = 179$

$$m = 179^{37} \mod 187 = 42$$

Korrekt