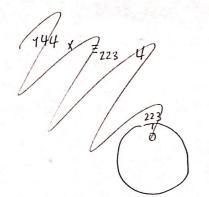
cap. 4 Rosen

neutro suma 0

32 · 4.1 Rosen

32) a)  

$$(19^{2} \mod (41)) \mod (q)$$
  
 $(19 \cdot 19 \mod (41)) \mod (9)$   
 $(361 \mod (41)) \mod (9)$   
 $floor(\frac{361}{41}) \approx 8$   
 $(361 - 8.41) \mod (9)$ 



$$a = 2$$
  $m = 17$ 

$$a \cdot \bar{a}^1 \equiv_{ff} 1$$



$$a = 34$$
  $m = 39$ 

$$a = y \quad m = q$$

$$1 = 10 = 20 \quad 19 = 28$$
 $4.5 \quad 4.7$ 

$$\tilde{a} = 7$$