

$$3^{-1} \bmod 11 = 4$$

$$3 \cdot 4 = 12 \bmod 11 = 1$$

$$30^{-1} \bmod 31 = 30$$

$$30 \cdot 30 = 900$$

$$899 = 1$$

$$29 \cdot 31$$

$$56^{-1} \bmod 59 = 39$$

$$39 \cdot 56 = 1 \bmod 59$$

$$10 \cdot 4 \bmod 11$$

$$40 \bmod 11$$

$$\begin{array}{r} 40 \\ - 33 \\ \hline 7 \end{array}$$

$$24 \cdot 30 \bmod 31$$

$$720 \bmod 31$$

$$713 = 7$$

$$32 \cdot 39 \bmod 59$$

$$1248 \bmod 59$$

$$1239 = 9$$

$$21 \cdot 59$$