

5.4 On trouve facilement que :

$$2 \cdot 7 \equiv 14 \equiv 1 \pmod{13} \implies \overline{2}^{-1} = \overline{7}$$

$$4 \cdot 3 \equiv 12 \equiv -1 \pmod{13} \implies \overline{4}^{-1} = \overline{-3} = \overline{10}$$

$$5 \cdot 5 \equiv 25 \equiv -1 \pmod{13} \implies \overline{5}^{-1} = \overline{-5} = \overline{8}$$

$$7 \cdot 2 \equiv 14 \equiv 1 \pmod{13} \implies \overline{7}^{-1} = \overline{2}$$