

$$\text{gcd}(254, 32) = 2$$

$$254 = 7 \cdot 32 + 30$$

$$32 = 1 \cdot 30 + 2$$

$$30 = 15 \cdot 2 + 0$$

$$\text{gcd}(74, 383) = 1$$

$$383 = 5 \cdot 74 + 13$$

$$74 = 5 \cdot 13 + 9$$

$$13 = 1 \cdot 9 + 4$$

$$9 = 2 \cdot 4 + 1$$

$$4 = 4 \cdot 1 + 0$$

$$\text{gcd}(7544, 115) = 23$$

$$7544 = 65 \cdot 115 + 69$$

$$115 = 1 \cdot 69 + 46$$

$$69 = 1 \cdot 46 + 23$$

$$46 = 2 \cdot 23 + 0$$

$$\text{gcd}(687, 24) = 3$$

$$687 = 28 \cdot 24 + 15$$

$$24 = 1 \cdot 15 + 9$$

$$15 = 1 \cdot 9 + 6$$

$$9 = 1 \cdot 6 + 3$$

$$6 = 2 \cdot 3 + 0$$