

$$45 = 45 // 16 * 16 + 45 \% 16 = 2 * 16 + 13$$

$$16 = 16 // 13 * 13 + 16 \% 13 = 1 * 13 + 3$$

$$13 = 13 // 3 * 3 + 13 \% 3 = 4 * 3 + 1$$

$$3 = 3 // 1 * 3 + 3 \% 1 = 3 * 1 + 0$$