

decimal

$$1024 = 1000 + 20 + 4$$

$$1024 = 1 * 1000 + 0 * 100 + 2 * 10 + 4 * 1$$

$$1024 = 1 * 10^3 + 0 * 10^2 + 2 * 10^1 + 4 * 10^0$$