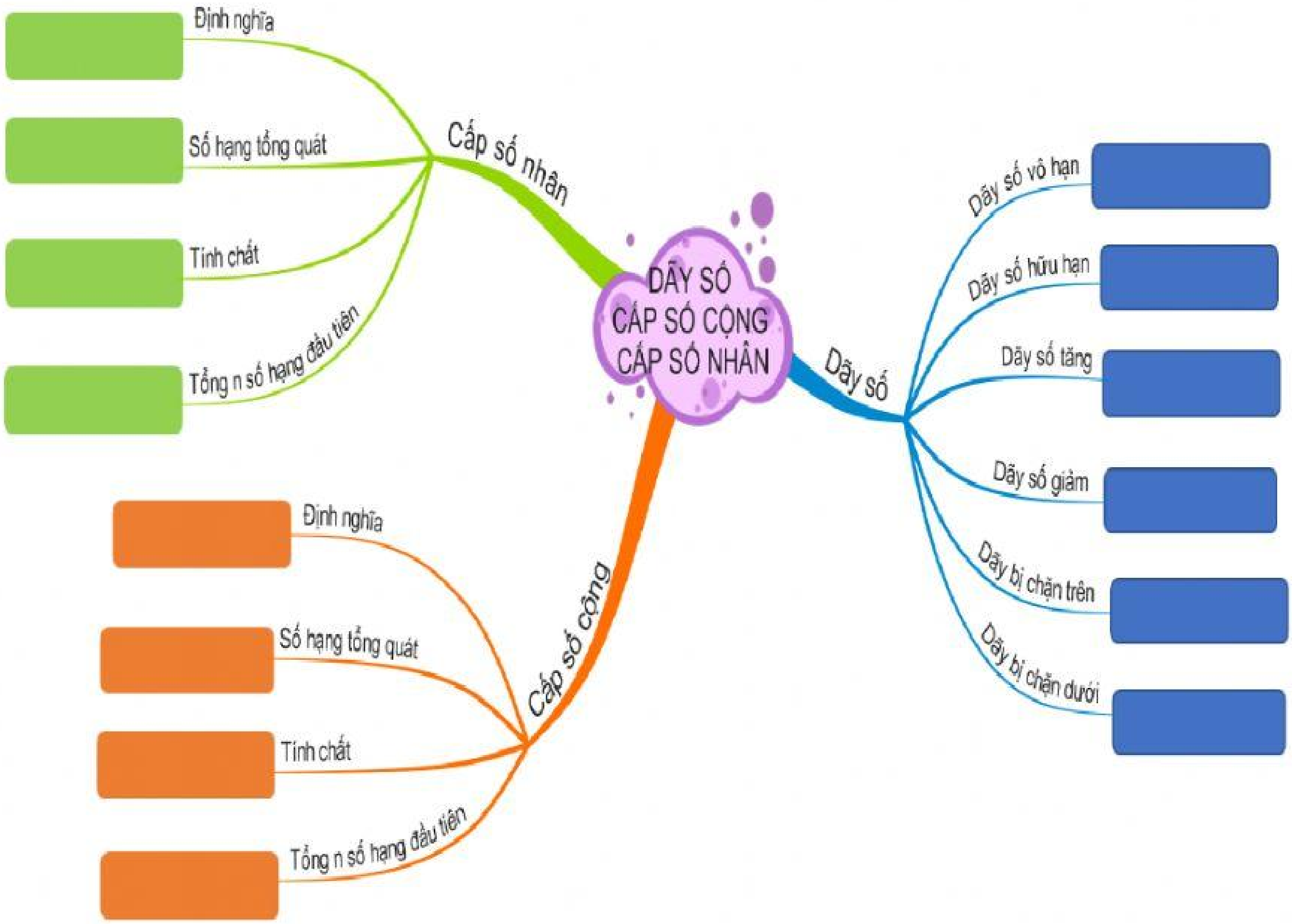

$u_n = u_{n-1} + d$

$u_n = u_1 + (n-1).d$

$u_n = \dfrac{u_{n-1} + u_{n+1}}{2}$

$|u_n| = \sqrt{u_{n-1}.u_{n+1}}$

$u_n = u_{n-1}.q$

$u_n = u_1.q^{n-1}$

$S_n = nu_1 + \dfrac{n(n-1).d}{2}, S_n = \dfrac{n(u_1 + u_n)}{2}$

$u_1; u_2; u_3; ...; u_n; ...$

$u_1; u_2; u_3; ...; u_n$

$S_n = u_1.\dfrac{1-q^n}{1-q}(q \neq 1); S_n = n.u_1\,(q = 1)$

$u_n > u_{n+1}, \forall n \in N^*$

$u_n < u_{n+1}, \forall n \in N^*$

$u_n \leq M, \forall n \in N^*$

$u_n \geq m, \forall n \in N^*$

$m \leq u_n \leq M, \forall n \in N^*$

LIVEWORKSHEETS