KEY

Derive an exponential equation for a growth or decay situation.

1. $A(t) = 1000(1.10)^{t-1}$
2. $A(t) = 1000(1.08)^{t-1}$
3. $A(t) = 1000(1.12)^{t-1}$
4. $A(t) = 1000(1.06)^{t-1}$
5. $A(t) = 1000(1.15)^{t-1}$
6. $A(t) = 1000(1.03)^{t-1}$
7. $A(t) = 20,000(0.91)^{t-1}$
8. $A(t) = 20,000(0.89)^{t-1}$
9. $A(t) = 20,000(0.94)^{t-1}$
10. $A(t) = 20,000(0.88)^{t-1}$
11. $A(t) = 20,000(0.92)^{t-1}$
12. $A(t) = 20,000(0.85)^{t-1}$