CC.A.SSE.1 Modeling Exponential Functions: Interpret expressions that represent a quantity in terms of its context. Interpret parts of an expression, such as terms, factors, and

1 The function $V(t) = 1350(1.017)^t$ represents the value $V(t)$, in dollars, of a comic book t years after its purchase. The yearly rate of appreciation of the comic book is
1) 17%
2) 1.7%
3) 1.017%
4) 0.017%

2 Is the equation $A = 21000(1 - 0.12)^t$ a model of exponential growth or exponential decay, and what is the rate (percent) of change per time period?
1) exponential growth and 12%
2) exponential growth and 88%
3) exponential decay and 12%
4) exponential decay and 88%

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Answer Section

1 ANS: 2 REF: 061517ai
2 ANS: 3 REF: 081211ia