

exponential/linear review 4/20/2018

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| 1.
Answer: D | 20.
Answer: Example answer: Linear because it has a constant rate of change. |
| 2.
Answer: A | 21.
Answer: 0.5 is the rate of decay and 300 is the initial amount. |
| 3.
Answer: C | 22.
Answer: $f(x) = .75x + 4.5$ |
| 4.
Answer: A | 23.
Answer: 5 |
| 5.
Answer: C | |
| 6.
Answer: A | |
| 7.
Answer: C | |
| 8.
Answer: B | |
| 9.
Answer: B | |
| 10.
Answer: C | |
| 11.
Answer: D | |
| 12.
Answer: B | |
| 13.
Answer: C | |
| 14.
Answer: B | |
| 15.
Answer: C | |
| 16.
Answer: B | |
| 17.
Answer: C | |
| 18.
Answer: 619.35 | |
| 19.
Answer: $B = 3000(1 + 0.042)^t$ or an equivalent equation in terms of B and t | |