10.   A house valued at $90,000 in 1985 was sold for $250,000 in 1998. Assuming that the value of the house was modeled during that period of time by the exponential function $y = ar^x$, give the value of r to the nearest hundredth.

Answers
1. $-.5$
2.   121/126
3.   7
4. $7\sqrt{2}$
5. 80π
6.   3.75
7.   12
8. $.2\pi$
9.   101
10.   1.08