

ALG 2B

Ch 8

Sec 8.1

For 1-6, make a table of 5 points to graph the equation.
Use 2 positive #'s, 2 negative #'s and zero.

1. $y = 3(2)^x$ 2. $y = \frac{1}{2}(2)^x$ 3. $y = -1(3)^x$ 4. $y = \frac{1}{4}(2)^x$

5. $y = -\frac{1}{3}(3)^x$ 6. $y = -\frac{1}{2}(8)^x$

Write an equation to model the situation. Define your variables

7. A 3 foot tree grows 8% per year.

8. The price of a new home is \$226,000. The value of the home appreciates by 2% each year
