Applications of exponentials , Population Growth p(t) = 100(1.15) p(t) = 100(1.15) p(10) = 100(1.15) p(10) = 100(1.15) p(10) = 100(1.15) p(10) = 100(1.15) $10 = (1.15)^{t}$ $10 = (1.15)^{t}$ $10 = 109(1.15)^{t}$ $1 = 109(1.15)^{t}$ $1 = 109(1.15)^{t}$ $1 = 109(1.15)^{t}$ towards logistic.

Kadioactive De con geiger comber time it takes

 $|09b^{\times}=9x^{3}$ inverse $|x-b|^{3}$ (-)