

Exp. Word Problems

4/21/20

Increase : $A(1 + \%inc)^t$

Decrease : $A(1 - \%dec)^t$

Ex1: $P = 125(1 + 4\%)^x$

$P = 125(1.04)^t$

P = price

X = years

Ex2: $290(1 + .09)^5$
 $446.19 \rightarrow$ 446 Animals

Ex3: $330(1 - .22)^t$
 $330(.78)^5$
 95 animals