Modeling Growth

Set 7-3a
$A(t) = A_i(1+r)^t$
The population of bacteria in a petri dish starts at 10,000. If the population decreases by 5% each week...

1) *What is the population after 1 week?*

2) *What is the population after 2 weeks?*

3) *What is the population after 1 year?*

4) *What is the domain and what is its meaning?*

5) *What is the range and what is its meaning?*