Mathematics	122	Quiz	#9
Madicilation	122	& all	$\pi r v$

Name:

A ship leaves port with ten cockroaches on board. If a population of roaches increases at 25% per week then answer the following

1. What is a formula for the number R(t) of roaches after t weeks?

R(t) =

2. How many roaches are there after 20 weeks?

3. How long before there are 1000 roaches?