Name: _____   Grade: _____
Group Members Present:

_____ , _____ , & _____

1. For each of the following compounding intervals, calculate the amount in an account after 2 years, 10 months, when $575 was deposited initially, and interest is compounded at 4.7% APR:

Compounded	Number of periods each year	Future Value formula	2 year, 10 month Future Value
Semiannually	a.	b.	c.
Quarterly	d.	e.	f.
Monthly	g.	h.	i.
Continuously	j.	k.	l..

2. Calculate the 16-month future value of each investment. Calculate the time it takes the first and the last two investments to double.

APR	Compounded	Present Value (initial deposit)	16-month Future Value	Doubling Time
9%	Simple Interest	$4000	a.	b.
7%	Semiannually	$3900	c.	-------------------
2.1%	Monthly	$2750	d.	-------------------
10%	Quarterly	$5000	e.	f.
3.75%	Continuously	$6230	g.	h.