Math 3202 Chapter 4 SHEET #3

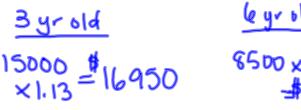
Name:

1. Your Turn

Dan is buying a used car. He needs to choose between a three-year-old model from a dealership and his friend's six-year-old car. The details of the cars are shown in the table.

Details	Three-Year-Old Car	Six-Year-Old Car
Cost	\$15 000 + tax	\$8500 + tax
Kilometres driven	75 000	100 000
Interest rate for financing	2.9%	2.9%
Warranty	2 years left on the manufacturer's warranty (for 5 years or 100 000 km)	None

 a) Calculate the total cost of each car after tax.



- b) Use technology to determine Dan's monthly payment if he buys the three-year-old car with a
 - i) 5-year loan
 - ii) 6-year loan

