

Stat 185 - In class problems
Wednesday, September 7

1. A tire manufacturer believes that the treadlife of its snow tires can be described by a normal model with a mean of 32000 miles and a standard deviation of 2500 miles.
 - (a) Would it be reasonable to expect one of these tires to last 40000 miles?
 - (b) What fraction of these tires can be expected to last less than 30000 miles?
 - (c) What fraction of these tires can be expected to last between 30000 and 35000 miles?