1. The ages of stunt men are normally distributed with a mean of 28 years and a standard deviation of 1.5 years. Find the percentage of men that live to be at least 30 years old.



1. The average life of a certain car enging is 110 000 km with a standard deviation of 12 000 km. What is the percent of engines that will last:
2. Between 95 000 km and 115 000 km?



1. Less than 100 000 km?



1. A supermarket packages its ground beef in packs with an average weight of 2.2 kg and a standard deviation of 0.2 kg. If in one week the store makes 2000 packages of ground beef, how many will weigh less than 1.8 kg?



1. The speeds of cars on a hiway are tested and are determined to have a mean of 80 km/hr and a standard deviation of 8 km/hr. What percentage of cars average more than 95 km/hr?



1. The height of North American women is normally distributed with a mean of 162 cm and a standard deviation of 4 cm. In a group of 500 women, how many will be less than 155 cm tall?

