10-2 The purchase of a used pickup for $14,000 is being considered. Records for other vehicles show that costs for oil, tires, and repairs about equal the cost for fuel.

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Fuel costs are $1500 per year if the truck is driven 10,000 miles. The salvage value after 5 years of use drops about 10¢ per mile. Find the equivalent uniform annual cost if the interest rate is 6%. How much does this change if the annual mileage is 15,000? 5000?

10-3 For the data in Problem 10-2 assume that the 5000, 10,000, and 15,000 mileage values are, respectively, pessimistic, most likely, and optimistic estimates. Use a weighted estimate to calculate the equivalent annual cost.