Special Percent Applications   NAME:

1. A manager needs to *reduce* the cost of a shirt by 40%. If the shirt was originally $120, how much will it cost after this discount? Include appropriate units.

2. Cloth scraps are sold as one-yard pieces if they are within 3% of the desired length of one yard. Considering a yard is 36 inches, what is the minimum and maximum lengths that would be accepted? Give your answer in inches, rounded to the nearest inch.

Minimum length:

Maximum length:

3. A *non*-turbo-charged engine has a horsepower rating of 175 hp. If the turbo-charged version claims to add 15% horsepower, what would the rating of the turbo-charged engine be? Round to the nearest whole number.