

# More Percent Problems 3/4

1.) orig: \$4.39 } diff  
 new: \$2.49 } 1.9  
 $\frac{\text{diff}}{\text{orig}} = \frac{1.9}{4.39} = 0.43 \rightarrow 43\%$   
 of decrease

2.) orig: 2176 } diff  
 new: 1980 } 196  
 $\frac{\text{diff}}{\text{orig}} = \frac{196}{2176} = 0.09 = 9\%$   
 of decrease

3.) markup = 0.15(70)  
 = 10.5  
 new price = 70 + 10.5  
 = \$80.50

4.) discount = 0.20(1585.75)  
 = 317.15

Sale Price = 1585.75  
 - 317.15  
 = \$1268.60

5.) orig: 450 } diff  
 new: 585 } 135  
 $\frac{135}{450} = 0.3 = 30\%$

6.) increased = 0.20(195)  
 = 39

distance = 39 + 195 = 234 miles  
 2nd week