Name: ______________________________________

Distance, Rate, and Time Word Problems

1.) A delivery driver travelled 189 miles in 3 hours of nonstop driving. What was his average rate of speed in miles per hour?

2.) A furniture company must ship out 216 boxes using four delivery trucks. What is the average rate of boxes per delivery truck?

3.) One sixth of a gallon of diesel fuel costs $1.88. What is the unit rate per gallon for diesel fuel?

4.) On his break, it takes the delivery driver 3 minutes to text 237 words. At that rate, how many words can he text per minute?

5.) A delivery driver made a trip from Los Angeles to Las Vegas. The trip from Los Angeles to Las Vegas took 4 hours and the return trip took 5 hours. If the driver averaged total round-trip distance was 542 miles, what was his average rate of speed in miles per hour (to the nearest tenth of a mile)?

6.) A delivery driver is comparing two different job offers. The first job offer pays $30 for every 24 miles driven and the second job offers $39.60 for every 36 miles driven. Which job offer has the higher pay per mile?
ANSWER KEY

1.) 63 miles per hour
2.) 54 boxes per truck
3.) $11.28 per gallon
4.) 79 words per minute
5.) 60.2 miles per hour
6.) Job #1: $1.25 per mile  
   Job #2: $1.10 per mile
   Job #1 has the higher pay per mile.