

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.