**Vehicle Ownership Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. What does each of the following cover:
2. A) Bodily injury
3. B) Collision
4. C) Comprehensive
5. D) Uninsured Motorist

E

E) Uninsured Motorist

 2. How far will a car travel at an average rate of 70 miles per hour in 6 hours?

 3. What is the difference between a premium and a deductible?

 4. If a car can travel 350 miles on a tank of gas and it has a 14 gallon tank, what is its fuel efficiency?

 5. Alexis has $50,000 property damage insurance and $10,000 comprehensive and collision insurance with a $250 deductible. One evening he slides on a patch of ice and hits a parked car, causing $8,000 worth of damage. The accident causes $12,000 of damage to his own car. How much will the insurance pay to fix both cars?

 6. Shauna pays her car insurance quarterly. Her annual premium is $1,400. Each payment she is charged a $5 convenience fee. How much is her quarterly insurance payment?

 7. A car that costs $32,000. will depreciate to a value of zero in 15 years. What is the slope of the straight line depreciation?

 8. Gretchen has 100/300 bodily injury liability insurance with a $1000 deductible. She was at fault for an accident where four people in the other car were hurt. Their medical bills were $70,000, $90,000, $120,000 and $80,000. How much of the cost will her insurance pay?

 9 Use 41 56 38 35 42 41 55 29 44 47 52 43 46 49 32 36

a) Put the data in a stem-and-leaf plot.

b) Find the median

c) Find the IQR

b

 10. A car costs $26,000. After 11 years the car depreciates to a value of zero. If the car depreciates in straight line form, write the straight line depreciation equation. What will the car be worth in 2 years?

 11. A trip was 560 miles. If they averaged 65 miles per hour, how long will the drive take? The answer fhould be to the closest minute.

 12. A car exponentially depreciates at a rate of 12% per year. If the car cost $29,500, what was the value of the car after 10 years?

13. Draw a box-and-whisker plot for this data.

30 40 45 45 50 52 55 58 60 72 75 75 80 85 92 94 98

14. What is the total stopping distance for a vehicle travelling at 85 mph?