

Decimal Word Problems - 2

Show all work in the space provided.

- 1) The earth travels around the sun at the rate of 18.5 miles per second. Venus travels around the sun at 1.19 times the speed of the earth. How fast does Venus travel per second?
- 2) Mr. Brown paid \$107.40 for 60 gallons of gasoline. What was the price per gallon?
- 3) You pay for your dinner with a \$20 bill. You get \$6.75 in change. How much did your dinner cost?
- 4) Mr. Elder owns 21.6 acres of land. He divided it into lots of 0.6 acres each. How many lots did he get from the land?
- 5) Suppose in one month you have the following expenses: food \$215.40, housing \$357.80, gasoline \$48.92, utilities \$124, loan payments \$175. If your take-home pay is \$1150 per month, how much do you have left after paying your expenses?
- 6) Donna works 40 hours a week. Monday she worked 7.25 hours, Tuesday 5.75 hours, Wednesday 6.5 hours, and Thursday 9 hours. How many hours does she need to work on Friday to finish the week?

1) 22.015 mps

2) \$1.79

3) \$13.25

4) 36 lots

5) \$228.88

6) 11.5 hours

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