

Name : _____

Direct Variation

Sheet 2

Round your answer to two decimal places.

- 1) Pablo, a car salesman receives a flat-dollar amount as commission for selling new cars. He received \$3,000 on the sale of 12 cars. What will his commission be, if he sells 17 cars?

- 2) Mr. Wilkins paid \$100.21 for a total energy consumption of 911 kWh in February 2017. Determine the energy cost per kWh. Mrs. Wilkins paid \$88 to the utility provider.

- 3) Lara employed a reserter for 3 hours of work. Her rate was \$50 per hour. How many hours did she employ a reserter if she paid \$225 for their services.

- 4) Jade and Lynn went on a road trip. They traveled 320 miles. How many hours did they travel if they were traveling at a speed of 40 miles per hour.

- 5) A factory in Delaware produces 897 units in 3 hours. How many units are produced in 7 hours?

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Name : _____

Answer key

Direct Variation

Sheet 2

Round your answer to two decimal places.

- 1) Pablo, a car salesman receives a flat-dollar amount as commission for selling new cars. He received \$3,000 on the sale of 12 cars. What will his commission be, if he sells 17 cars?

\$4,250

- 2) Mr. Wilkins paid \$100.21 for a total energy consumption of 911 kWh in February 2017. Determine the energy cost per kWh. Mrs. Wilkins paid \$88 to the utility provider.

800 kWh

- 3) Lara employed a reserter for 3 hours of work. Her rate was \$150 per hour. How many hours did she employ a reserter if she paid \$225 for their services.

4.5 hours

- 4) Jade and Lynn went on a road trip. They traveled 320 miles. How many gallons of fuel did they use if they used 12.8 gallons to cover a distance of 320 miles.

25 gallons of fuel

- 5) A factory in Delaware produces 897 units in 3 hours. How many units are produced in 7 hours?

2,093 units

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