

Name : \_\_\_\_\_

## Direct Variation

Sheet 1

Round your answer to two decimal places.

- 1) Trailblazers Inc. is known for making high quality suits. If they take 9 days to stitch 90 suits, how long will it take them to complete an order of 180 suits?

\_\_\_\_\_

- 2) A popular hair salon disbursed daily wages of \$614.88 equally among 8 shampooers. Determine the number of shampooers that were employed at the salon the following day, if the salon paid out a total of \$1152.90 as daily wages.

\_\_\_\_\_

- 3) Shaun eats six egg whites a day with a protein content of 21.6 grams. Calculate his protein intake, if he consumes 9 egg whites a day.

\_\_\_\_\_

- 4) Acela Express, the fastest train between Washington D.C and Boston covers a distance of 455 miles in 7 hours. How many miles will the train travel in 4 hours?

\_\_\_\_\_

- 5) Mr.Green landed at JFK airport and exchanged €700 for \$854 at a currency exchange store. He realized that he would need more cash and exchanged €400 more. How many dollars did he receive for the second transaction?

\_\_\_\_\_

Name : \_\_\_\_\_

## Answer key

# Direct Variation

Sheet 1

Round your answer to two decimal places.

- 1) Trailblazers Inc. is known for making high quality suits. If they take 9 days to stitch 90 suits, how long will it take them to complete an order of 180 suits?

**18 days**

- 2) A popular hair salon disbursed daily wages of \$614.88 equally among 8 shampooers. Determine the number of shampooers that were employed at the salon the following day, if the salon paid out a total of \$1152.90 as daily wages.

**15 shampooers**

- 3) Shaun eats six egg whites a day with a protein content of 21.6 grams. Calculate his protein intake, if he consumes 9 egg whites a day.

**32.4 grams**

- 4) Acela Express, the fastest train between Washington D.C and Boston covers a distance of 455 miles in 7 hours. How many miles will the train travel in 4 hours?

**260 miles**

- 5) Mr.Green landed at JFK airport and exchanged €700 for \$854 at a currency exchange store. He realized that he would need more cash and exchanged €400 more. How many dollars did he receive for the second transaction?

**\$488**