Round your answer to two decimal places.

1) An air force base with 270 soldiers has food stock that would last 35 days. If there are 315 soldiers in the base, how many days will the stock last?

2) A bus travels at a speed of 40 miles per hour and reaches Hogville in 40 minutes. If a cab takes 35 minutes to reach the same spot, determine the speed at which it traveled.

3) Steve hires a compact car for 5 days and is charged a rental of $145.29. How much will he be charged, if he retains the car for two more days?

4) Nicholas types out 32 lines per page to come up with a 480-page travel memoir. How many pages would the manuscript contain, if it had 20 lines per page?

5) A wedding photographer charges $297 for 3 hours of coverage. How much will a client have to pay for a 7-hour package?
An air force base with 270 soldiers has food stock that would last 35 days. If there are 315 soldiers in the base, how many days will the stock last?

30 days

A bus travels at a speed of 40 miles per hour and reaches Hogville in 40 minutes. If a cab takes 35 minutes to reach the same spot, determine the speed at which it traveled.

45.71 miles per hour

Steve hires a compact car for 5 days and is charged a rental of $145.29. How much will he be charged, if he retains the car for two more days?

$203.41

Nicholas types out 32 lines per page to come up with a 480-page travel memoir. How many pages would the manuscript contain, if it had 20 lines per page?

768 pages

A wedding photographer charges $297 for 3 hours of coverage. How much will a client have to pay for a 7-hour package?

$693