



LEVEL 2

Solve each problem and write the matching letter on the blank above the answer.

S The value of a car is depreciating at a rate of 5% per year. In 2015, the car was worth \$32,000. Find the value of the car in 2018.

R The starting salary at a bank is \$55,000 and increases at a rate of 1.8% yearly. What would the salary be after 4 years?

A A city's population is increasing by 5% every year, and there are currently 39,000 people. What will the population be in 2 years?

H If the number of bacteria in a colony doubles every 25 hours and there is currently a population of 10,000 bacteria, what will the population be 75 hours from now?

D A house is losing value at a rate of 5.4% per year. In 2009, the house was worth \$131,000. Find the value of the house in 2019.

L A colony of 10,000 ants can increase by 15% in a month. How many ants will be in the colony after 1 year?

N The population of a town is decreasing at a rate of 2.2% per year. In 2001, the town had a population of 34,567. Find the population of the town in 2018.

V A recycling center currently processes 50,000 tons of scrap metal each year, and this amount is increasing by 5% each year. How much metal will the plant be able to handle 8 years from now?

E A new clothing line is quickly increasing in popularity. Every month, 10% more items of clothing are sold. If 15,000 items were sold this month, how many will be sold 2 months from now?

80,000 18,150

23,682 18,150

73,873 18,150

59,068 53,500

42,998

23,682 75,194

27,436