

Name \_\_\_\_\_

## Answer Key

1. Fredrick needs to sell 80 bagels and 50 muffins to make \$500.
2. Sarah will pay \$140 in total for the rental.
3. James sold 150 books last month.
4. The farmer should build a pen with dimensions of 100 feet by 100 feet to maximize the area.
5. The company can produce 40 basic laptops and 50 premium laptops to maximize profit.
6. Emily should invest \$2000 in Account A and \$3000 in Account B.
7. It will cost \$22 to ship the package.
8. The total cost for both plans will be the same for 66.67 miles.
9. Each pen costs \$4, and each notebook costs \$2.
10. The distance between City A and City B is 300 miles.