

Name \_\_\_\_\_

## Answer Key

1. Samantha should rent 30 chairs and 20 tables.
2. Ethan invested \$2000 in Company A and \$8000 in Company B.
3. The company must sell 20 Type X smartphones and 15 Type Y smartphones.
4. Natalie swam for 2 hours, biked for 1.5 hours, and ran for 0.5 hours.
5. The company must sell 120 bicycles to make a \$10,000 profit.
6. Mia packed 60 small boxes and 40 large boxes.
7. The dimensions of the garden that maximize its area are 50 meters by 25 meters.
8. The rental company rented out 15 compact cars and 10 luxury cars.
9. Hannah earned \$80 in interest from the savings account.
10. The bakery sold 40 Type A cakes and 40 Type B cakes.