Worksheet **1.5**

Applications and Problem Solving.

Solve the problem. See examples on pages 43-45 in text.

1. During the last four months of a recent year, Annie's Natural Food Store reported the following sales:

September	$3,355
October	$3,383
November	$2,908
December	$3,551

   What were the total sales over this period?

   A) $13,197   B) $13,207   C) $13,297   D) $13,307

2. An employee was paid $21,277 during the first half of last year. During the second half the employee was paid $25,663. How much more was the employee's income during the second half?

   A) $46,840   B) $4,386   C) $4,286   D) $46,940

3. Susan's backyard is rectangular with dimensions 36 yd by 73 yd. Juan's backyard is rectangular with dimensions 25 yd by 52 yd. How much larger is the area of Susan's backyard than the area of Juan's backyard?

   A) 3928 yd^2 B) 2628 yd^2 C) 1328 yd^2 D) 64 yd^2

Solve the problem. See examples on pages 46-50 in text.

4. Mark's typing speed is 65 words per minutes. How many words can he type in 58 minutes?

   A) 123   B) 3670   C) 3780   D) 3770

Solve. See examples on pages 38-39 in text.

5. $2 + y = 23$

   A) 21   B) 19   C) 46   D) 25

Solve the problem. See examples on pages 46-50 in text.

6. A map has a scale of 5 miles to the inch. How far apart in reality are two cities that are 20 inches apart on the map? How far apart on the map are two cities that, in reality, are 25 miles apart?

A) 4 miles; 5 inches   B) 100 miles; 125 inches

C) 4 miles; 125 inches   D) 100 miles; 5 inches

7. A community garden contains 20 rectangular plots each measuring 6 yd by 9 yd. What is the total area available for gardening?

A) 600 yd^2 B) 1080 yd^2 C) 1100 yd^2 D) 54 yd^2

8. Danny buys 6 books at $35 each and pays for them with 10-dollar bills. How many $10 bills did it take?

A) 21   B) 210   C) 4   D) 200

Subtract by borrowing as necessary. See examples on page 15 in text.

9.   8546
      − 5351

A) 8195   B) 3193   C) 3113   D) 3195

Add. See examples on page 11 in text.

10.   780
           188
           850
           926
       + 720

A) 3574   B) 3474   C) 3564   D) 3464