Simple Algebra Word Problems - Answers

Name _____ AWP4-2

Write an equation for each situation.

1. Marilyn wanted 20 tickets to the play. $20 - t = 6$
   Her mother gave her *t* tickets. She needs
   6 more.

2. Chef Paul made 5 apple pies for a party. $5 \times s = 30$
   Each pie was cut into *s* slices. The 30 guests,
   including the host, ate one slice each.

3. Laura planted 8 strawberry plants. She $13 - 8 = s$
   needed *s* more plants to finish the row.
   Each row had space for 13 plants

4. Ms Car's classroom had 24 students $24 - x = 5$
   enrolled. There were *x* chairs in the room.
   Five students had to stand.

5. The new movie was 2 hours long. The $2 + m = 2\frac{1}{2}$
   bonus film of bloopers added *m* minutes.
   The total time spent watching the films
   was 2 ½ hours .

6. Timothy had 60 fireballs for his friends. $60 \div 5 = n$
   Each of his *n* friends would receive 5 fire-
   balls.