Algebraic Thinking

Circle the number sentence that fits the problem. Then solve for x.

1) Mary had $42. Then she earned more money (x). Now she has $86.

   $42 + x = 86 OR $$42 + $86 = x$

   $x = \underline{\quad}$

2) Lisa had $35. Then she earned more money (x). Now she has $78.

   $35 + x = 78 OR $$35 + $78 = x$

   $x = \underline{\quad}$

3) Matthew had $37. Then he earned more money (x). Now he has $98.

   $37 + x = 98 OR $$37 + $98 = x$

   $x = \underline{\quad}$

4) Charlotte gave 19 of the cookies he had baked to a friend and now he has 45

   cookies left. $45 - 19 = x$ OR $x - 19 = 45$

   $x = \underline{\quad}$

5) Mia gave 32 of the cookies she had baked to a friend and now she has 55

   cookies left. $55 - 32 = x$ OR $x - 32 = 55$

   $x = \underline{\quad}$

6) Lucas gave 41 of the cookies he had baked to a friend and now he has 49

   cookies left. . $49 - 41 = x$ OR $x - 41 = 49$

   $x = \underline{\quad}$

Answers of Worksheets

Algebraic Word Problems

1) $\$42 + x = \$86; x = 44$

2) $\$35 + x = \$78; x = 43$

3) $\$37 + x = \$98; x = 61$

4) $x - 19 = 45; x = 64$

5) $x - 32 = 55; x = 87$

6) $x - 41 = 49; x = 90$