

Math Worksheets

Algebraic Word Problems

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.

$$\$42 + x = \$86 \text{ OR } \$42 + \$86 = x$$

$$x = \underline{\quad}$$

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

$$\$35 + x = \$78 \text{ OR } \$35 + \$78 = x$$

$$x = \underline{\quad}$$

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

$$\$37 + x = \$98 \quad \text{OR} \quad \$37 + \$98 = x$$

$$x = \underline{\quad}$$

- 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 $x - 41 = 49$

$$x = \underline{\quad}$$

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