

# MasterMath

Name \_\_\_\_\_

## Solving Algebraic Expressions with Addition and Subtraction

Date \_\_\_\_\_

Solve these expressions:

1.  $x + 6 = 15$

$x =$

2.  $8 + x + 2 = 19$

$x =$

3.  $62 + x = 12$

$x =$

4.  $100 = x - 100$

$x =$

5.  $225 = z + 25$

$z =$

6.  $11 + x + 2 = 14$

$x =$

7.  $x - 25 = 78$

$x =$

8.  $x + 12 - 4 = 16$

$x =$

9.  $x - 2,000 = 2,500$

$x =$

10.  $16 + x = 16 + 8$

$x =$

11. Write these sentences as math expressions:

a. A number minus six equals twelve.

b. Eighteen equals twenty-two minus a number z.

c. A number x plus six equals eleven.

12. Your lawn mowing business made a profit of \$185, which was \$90 more than you made last year. How much did you make last year?

13.

The difference between the length of your father's car and the depth of the garage is 5'. The garage is 23' deep. How long is your father's car?

14. The perimeter of this triangle is 26". Two of the side have equal lengths of 10". What is the length of the third side?



15. You earned \$20 babysitting. You are paid \$5 per hour. How many hours did you babysit?