ALGEBRA

Exercise 1 Solve the following

1. $19 + h = 25$ Ans =

2. $8p - 2p = 42$ Ans =

3. $56 = 4k + k$ Ans =

4. $\dfrac{d}{3} = 6.5$ Ans =

5. $30c = 6$ Ans =

6. $4p + 9 = 12$ Ans =

7. $3(a - 2) = 18$ Ans =

8. $6m + 7 - 2m = 29$ Ans =

9. $5x - 3(4 + x) = 4$ Ans =

10. $9k - 3 = 6k + 12$ Ans =

11. $19 - 4(2x - 3) = -9$ Ans =

12. $3(y + 2) - 5(2y + 8) = y + 1$ Ans =

Read the following statements very carefully.

Form algebraic equations and then solve.

13. I think of a number, triple it and subtract 4.
    My answer is 23. What is the number I thought of?   Ans =

14. A pen cost $y. The ruler cost $2 less than the pen
    and the Geometry set cost five times as much as the
    pen. If the total cost of the three items is $19.
    What is the cost of the pen?   Ans =

15. The length of a rectangle is three times its width.
    What are the dimensions of the rectangle if the
    perimeter is 56m?
    Let '**w**'' represent the width   Ans =