

ALGEBRAExercise 1 Solve the following

1.  $19 + h = 25$

2.  $8p - 2p = 42$

3.  $56 = 4k + k$

4.  $\frac{d}{3} = 6.5$

5.  $30c = 6$

6.  $4p + 9 = 12$

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

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

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

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

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

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

**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?

14. A pen cost \$y. The ruler cost \$2 less than the pen
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- 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?

15. The length of a rectangle is three times its width.
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- What are the dimensions of the rectangle if the
- 
- perimeter is 56m?

Let 'w' represent the width