**Construct Expressions, Formula and Equations - Basics**

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| **1)** Write an algebraic expression for the sentence below (use the letter ***n*** to represent the missing number):       a) *Double a number*       b) *Triple a number and add 1* | [2] |
| **2)** I start a game with   marbles and lose   marbles. Write down a formula for the number,  , of marbles that I finish with. | [1] |
| **3)** Write a formula using the letters and numbers given below:         *A number   is equal to the difference of a number   and the square of  .* | [1] |
| **4)** Using the letter ***n***, write an equation to represent the following:         *I'm thinking of a number. I triple it then subtract 3 and get an answer of 18.* | [1] |
| **5)** a) Using the letter ***n*** to represent the missing number, write an equation for the following:        *I'm thinking of a number. I triple it then add 5 and get an answer of 23.*    b) Solve your equation to find the missing number | [1] |

**Solutions for the assessment Construct Expressions, Formula and Equations - Basics**

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| **1)**  a) 2 | b) |
| **2)** | **3)**   = |
| **4)** | **5)** a)  , b)  =6 |