**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) *Subtract 5 from a number*       b) *Double a number and add 4* | [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 product of two number   and  .* | [1] |
| **4)** Using the letter ***n***, write an equation to represent the following:         *I'm thinking of a number. I double it then subtract 2 and get an answer of 8.* | [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 subtract 2 from it and get an answer of 6.*    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) | b) |
| **2)** | **3)**   = |
| **4)** | **5)** a)  , b)  =8 |