Algebra Elements

**1.** Match each of the examples on the left correctly with the words on the right.

The first one has been done for you

3*x* + 2 = 11

expression

3*x* + 2

equation

*P* = 2(*l* + *w*)

formula

6*f* + 3*g* = 3(2*f* + *g*)

*y*²(*y* + 3)

identity

3*p*² + 4 = 13

**(Total for Question 1 is 4 marks)**

**15.** One of these statements represents an identity.

|  |  |  |  |
| --- | --- | --- | --- |
| **Letter** | **statement** | **Letter** | **statement** |
| **A** | *y* = m*x* + c | **D** | 2(*x* + *y*) = 2*x* + 2*y* |
| **B** | 2*x* + 3 = 7 | **E** | 5(*x* + *y*) = 10 |
| **C** | 5*p* + 2*q* | **F** | A*x*² + B*x* + C |

Which one?

…………………..

**(Total for Question 15 is 1 mark)**