**Expand Double Brackets - Basics**

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| Name : | Class : | Date : |

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| **1)** Expand and simplify completely      a)  $(z+6)(z+2)$     b)  $(a+1)(a-9)$     c)  $(b-9)(b+2)$ | [10]   |
|      d)  $(x-1)(x-7)$     e)  $(4+c)(c+3)$     f)  $(9+b)(b-7)$ |  |
|      g)  $(a-1)(8+a)$     h)  $(c+4)(9-c)$     i)  $(9+z)(4-z)$ |  |
|      j)  $(6-z)(3+z)$ |  |

**Solutions for the assessment Expand Double Brackets - Basics**

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| **1)**  a)  $z^{2}+8z+12$ |      b)  $a^{2}-8a-9$ |
|      c)  $b^{2}-7b-18$ |      d)  $x^{2}-8x+7$ |
|      e)  $c^{2}+7c+12$ |      f)  $b^{2}+2b-63$ |
|      g)  $a^{2}+7a-8$ |      h)  $-c^{2}+5c+36$ |
|      i)  $-z^{2}-5z+36$ |      j)  $-z^{2}+3z+18$ |