**Expand Double Brackets - Basics**

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| Name : | Class : | Date : |

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| **1)** Expand and simplify completely      a)  $(y+8)(y+7)$     b)  $(z+5)(z-1)$     c)  $(c-3)(c+9)$ | [10]   |
|      d)  $(c-6)(c-7)$     e)  $(9+z)(z+8)$     f)  $(9+x)(x-3)$ |  |
|      g)  $(y-8)(3+y)$     h)  $(y+4)(9-y)$     i)  $(6+c)(4-c)$ |  |
|      j)  $(8-x)(6+x)$ |  |

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

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| **1)**  a)  $y^{2}+15y+56$ |      b)  $z^{2}+4z-5$ |
|      c)  $c^{2}+6c-27$ |      d)  $c^{2}-13c+42$ |
|      e)  $z^{2}+17z+72$ |      f)  $x^{2}+6x-27$ |
|      g)  $y^{2}-5y-24$ |      h)  $-y^{2}+5y+36$ |
|      i)  $-c^{2}-2c+24$ |      j)  $-x^{2}+2x+48$ |