**Expand Single Brackets - Advanced**

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| Name : | Class : | Date : |

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| **1)** Expand      a)  $9(a-2)$     b)  $2(7a+5)$     c)  $3z(7+z)$ | [9]   |
|      d)  $3z(4z+9)$     e)  $8(z-5+b)$     f)  $7y(4y+9b-9)$ |  |
|      g)  $4c(6c^{2}-3+c)$     h)  $1-6z(z-5)$     i)  $3z(5z-9)+12$ |  |
| **2)** Expand and simplify      a)  $4+6(a-5)$     b)  $9-3(5b+6)$     c)  $8x(7x+9)-8x$ | [3]   |
| **3)** Expand and simplify completely      a)  $4(y+1)+3(y-7)$     b)  $6(z-6)+4(z-1)$  | [2]   |

**Solutions for the assessment Expand Single Brackets - Advanced**

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| **1)**  a)  $9a-18$ |      b)  $14a+10$ |
|      c)  $21z+3z^{2}$ |      d)  $12z^{2}+27z$ |
|      e)  $8z-40+8b$ |      f)  $28y^{2}+63yb-63y$ |
|      g)  $24c^{3}-12c+4c^{2}$ |      h)  $-6z^{2}+30z+1$ |
|      i)  $15z^{2}-27z+12$ |  |
| **2)**  a)  $6a-26$ |      b)  $-15b-9$ |
|      c)  $56x^{2}+64x$ |  |
| **3)**  a)  $7y-17$ |      b)  $10z-40$ |