**Expand Single Brackets - Advanced**

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| **1)** Expand      a)  $4(a-8)$     b)  $5(8y+1)$     c)  $9a(8+a)$ | [9]   |
|      d)  $4z(7z+1)$     e)  $2(a+b-4)$     f)  $2z(4b+9z-8)$ |  |
|      g)  $9a(-10+4a^{2}+9a)$     h)  $7-3c(c-9)$     i)  $3x(6x-11)+8$ |  |
| **2)** Expand and simplify      a)  $8+6(z-3)$     b)  $3-6(3x+11)$     c)  $7c(4c+11)-12c$ | [3]   |
| **3)** Expand and simplify completely      a)  $2(c+5)+5(c-7)$     b)  $4(-9+z)+3(z-3)$  | [2]   |

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

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| **1)**  a)  $4a-32$ |      b)  $40y+5$ |
|      c)  $72a+9a^{2}$ |      d)  $28z^{2}+4z$ |
|      e)  $2a+2b-8$ |      f)  $8zb+18z^{2}-16z$ |
|      g)  $-90a+36a^{3}+81a^{2}$ |      h)  $-3c^{2}+27c+7$ |
|      i)  $18x^{2}-33x+8$ |  |
| **2)**  a)  $6z-10$ |      b)  $-18x-63$ |
|      c)  $28c^{2}+65c$ |  |
| **3)**  a)  $7c-25$ |      b)  $7z-45$ |