**Powers and Roots**

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| Name : | Class : | Date : |

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| Mark : | /10 | % |

|  |  |
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| **1)** Evaluate      a)  $7^{2}$     b)  $40^{2}$     c)  $3^{3}$ | [9]   |
|      d)  $15^{2}$     e)  $9^{3}$     f)  $2^{10}$ |  |
|      g)  $\sqrt{81}$     h)  $\sqrt{64}$     i)  $\sqrt[3]{8}$ |  |
| **2)** Evaluate, rounding your answer to 3 significant figures        $\sqrt[3]{3.46}$ | [1]   |

**Solutions for the assessment Powers and Roots**

|  |  |
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| **1)**  a) 49 |      b) 1600 |
|      c) 27 |      d) 225 |
|      e) 729 |      f) 1024 |
|      g) 9 |      h) 8 |
|      i) 2 | **2)** 1.51 |