**Powers and Roots**

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| Name : | Class : | Date : |

|  |  |  |
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| Mark : | /10 | % |

|  |  |
| --- | --- |
| **1)** Evaluate      a)  $11^{2}$     b)  $5^{2}$     c)  $4^{3}$ | [9]   |
|      d)  $100^{5}$     e)  $17^{2}$     f)  $2^{7}$ |  |
|      g)  $\sqrt{1000000}$     h)  $\sqrt{4}$     i)  $\sqrt[3]{8}$ |  |
| **2)** Evaluate, rounding your answer to 3 significant figures        $\sqrt[2]{6.72}$ | [1]   |

**Solutions for the assessment Powers and Roots**

|  |  |
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| **1)**  a) 121 |      b) 25 |
|      c) 64 |      d) 10000000000 |
|      e) 289 |      f) 128 |
|      g) 1000 |      h) 2 |
|      i) 2 | **2)** 2.59 |