**Powers and Roots**

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| Name : | Class : | Date : |

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| Mark : | /10 | % |

|  |  |
| --- | --- |
| **1)** Evaluate      a)  $8^{2}$     b)  $100^{2}$     c)  $20^{3}$ | [9]   |
|      d)  $9^{3}$     e)  $4^{5}$     f)  $2^{5}$ |  |
|      g)  $\sqrt{4}$     h)  $\sqrt{100}$     i)  $\sqrt[3]{8}$ |  |
| **2)** Evaluate, rounding your answer to 3 significant figures        $\sqrt[2]{9.36}$ | [1]   |

**Solutions for the assessment Powers and Roots**

|  |  |
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| **1)**  a) 64 |      b) 10000 |
|      c) 8000 |      d) 729 |
|      e) 1024 |      f) 32 |
|      g) 2 |      h) 10 |
|      i) 2 | **2)** 3.06 |