**Standard Form - mixed exercise**

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| Name : | Class : | Date : |

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| Mark : | /8 | % |

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| **1)** Rewrite as a normal number       a)       b) | [2] |
| **2)** Rewrite in standard form       a) 8,300,000       b) 0.000002 | [2] |
| **3)** Work out and express your answer in standard form       a)       b) | [2] |
| **4)** Write in standard form | [1] |
| **5)** Use the information in the table to answer the questions below   |  |  |  |  | | --- | --- | --- | --- | | **Planet** | **Image** | **Mass (kg)** | **Distance to Sun (km)** | | **Uranus** | **http://www.mathster.com/assessment/qimages/Uranus.jpg** |  |  | | **Mercury** | **http://www.mathster.com/assessment/qimages/Mercury.jpg** |  |  | | **Earth** | **http://www.mathster.com/assessment/qimages/Earth.jpg** |  |  | | **Saturn** | **http://www.mathster.com/assessment/qimages/Saturn_0.jpg** |  |  |        a) Which planet is lightest?     ..........       b) Which planet is furthest from the sun?     .......... | [1] |

**Solutions for the assessment Standard Form - mixed exercise**

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| **1)**  a) 500 | b) 0.127 |
| **2)**  a) | b) |
| **3)**  a) | b) |
| **4)** | **5)** a) Mercury, b) Uranus |