**Operations with Surds**

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| Name : | Class : | Date : |

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| **1)** Simplify      a)  $\sqrt{35}$  $×$  $\sqrt{21}$     b)  $(7-\sqrt{13})(7+\sqrt{13})$     c)  $2\sqrt{13}×8\sqrt{13}$ | [5]   |
|      d)  $(\sqrt{6}+\sqrt{11})(\sqrt{6}-\sqrt{11})$     e)  $(\sqrt{5}-2)(\sqrt{13}+4)$ |  |

**Solutions for the assessment Operations with Surds**

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| **1)**  a)  $7\sqrt{15}$ |      b) 36 |
|      c) 208 |      d) -5 |
|      e)  $\sqrt{65}-2\sqrt{13}+4\sqrt{5}-8$ |  |