**Grid multiplication method**

|  |  |  |
| --- | --- | --- |
| Name : | Class : | Date : |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Use the grid method to work out 35  $×$ 8

|  |  |  |
| --- | --- | --- |
|  $×$ | 30 | 5 |
| 8 |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

 |

      | [1]   |
| **2)** Use the grid method to work out 21  $×$ 5

|  |  |  |
| --- | --- | --- |
|  $×$ | 20 | 1 |
| 5 |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **3)** Use the grid method to work out 75  $×$ 72

|  |  |  |
| --- | --- | --- |
|  $×$ | 70 | 5 |
| 70 |  |  |
| 2 |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **4)** Use the grid method to work out 97  $×$ 95

|  |  |  |
| --- | --- | --- |
|  $×$ | 90 | 7 |
| 90 |  |  |
| 5 |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **5)** Use the grid method to work out 345  $×$ 3

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 300 | 40 | 5 |
| 3 |  |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **6)** Use the grid method to work out 7916  $×$ 9

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  $×$ | 7000 | 900 | 10 | 6 |
| 9 |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **7)** Use the grid method to work out 93  $×$ 83

|  |  |  |
| --- | --- | --- |
|  $×$ | 90 | 3 |
| 80 |  |  |
| 3 |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **8)** Use the grid method to work out 127  $×$ 83

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 100 | 20 | 7 |
| 80 |  |  |  |
| 3 |  |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

 |

      | [1]   |
| **9)** Use the grid method to work out 2514  $×$ 46

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  $×$ | 2000 | 500 | 10 | 4 |
| 40 |  |  |  |  |
| 6 |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

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      | [1]   |
| **10)** Use the grid method to work out 489  $×$ 762

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 400 | 80 | 9 |
| 700 |  |  |  |
| 60 |  |  |  |
| 2 |  |  |  |

|  |  |  |
| --- | --- | --- |
| Answer = |

|  |
| --- |
|  |

 |

      | [1]   |

**Solutions for the assessment Grid multiplication method**

|  |  |
| --- | --- |
| **1)** 240  $+$ 40  $=$ 280 | **2)** 100  $+$ 5  $=$ 105 |
| **3)** 5250  $+$ 150  $=$ 5400 | **4)** 8730  $+$ 485  $=$ 9215 |
| **5)** 900  $+$ 120  $+$ 15  $=$ 1035 | **6)** 63000  $+$ 8100  $+$ 90  $+$ 54  $=$ 71244 |
| **7)** 7440  $+$ 279  $=$ 7719 | **8)** 10160  $+$ 381  $=$ 10541 |
| **9)** 100560  $+$ 15084  $=$ 115644 | **10)** 342300  $+$ 29340  $+$ 978  $=$ 372618 |