**Grid multiplication method**

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

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Use the grid method to work out 45  $×$ 4

|  |  |  |
| --- | --- | --- |
|  $×$ | 40 | 5 |
| 4 |  |  |

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

|  |
| --- |
|  |

 |

      | [1]   |
| **2)** Use the grid method to work out 84  $×$ 6

|  |  |  |
| --- | --- | --- |
|  $×$ | 80 | 4 |
| 6 |  |  |

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

|  |
| --- |
|  |

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      | [1]   |
| **3)** Use the grid method to work out 48  $×$ 36

|  |  |  |
| --- | --- | --- |
|  $×$ | 40 | 8 |
| 30 |  |  |
| 6 |  |  |

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

|  |
| --- |
|  |

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      | [1]   |
| **4)** Use the grid method to work out 47  $×$ 75

|  |  |  |
| --- | --- | --- |
|  $×$ | 40 | 7 |
| 70 |  |  |
| 5 |  |  |

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

|  |
| --- |
|  |

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      | [1]   |
| **5)** Use the grid method to work out 893  $×$ 4

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 800 | 90 | 3 |
| 4 |  |  |  |

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

|  |
| --- |
|  |

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      | [1]   |
| **6)** Use the grid method to work out 2593  $×$ 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  $×$ | 2000 | 500 | 90 | 3 |
| 5 |  |  |  |  |

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

|  |
| --- |
|  |

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      | [1]   |
| **7)** Use the grid method to work out 14  $×$ 93

|  |  |  |
| --- | --- | --- |
|  $×$ | 10 | 4 |
| 90 |  |  |
| 3 |  |  |

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

|  |
| --- |
|  |

 |

      | [1]   |
| **8)** Use the grid method to work out 349  $×$ 56

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 300 | 40 | 9 |
| 50 |  |  |  |
| 6 |  |  |  |

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

|  |
| --- |
|  |

 |

      | [1]   |
| **9)** Use the grid method to work out 9724  $×$ 17

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  $×$ | 9000 | 700 | 20 | 4 |
| 10 |  |  |  |  |
| 7 |  |  |  |  |

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

|  |
| --- |
|  |

 |

      | [1]   |
| **10)** Use the grid method to work out 261  $×$ 127

|  |  |  |  |
| --- | --- | --- | --- |
|  $×$ | 200 | 60 | 1 |
| 100 |  |  |  |
| 20 |  |  |  |
| 7 |  |  |  |

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

|  |
| --- |
|  |

 |

      | [1]   |

**Solutions for the assessment Grid multiplication method**

|  |  |
| --- | --- |
| **1)** 160  $+$ 20  $=$ 180 | **2)** 480  $+$ 24  $=$ 504 |
| **3)** 1440  $+$ 288  $=$ 1728 | **4)** 3290  $+$ 235  $=$ 3525 |
| **5)** 3200  $+$ 360  $+$ 12  $=$ 3572 | **6)** 10000  $+$ 2500  $+$ 450  $+$ 15  $=$ 12965 |
| **7)** 1260  $+$ 42  $=$ 1302 | **8)** 17450  $+$ 2094  $=$ 19544 |
| **9)** 97240  $+$ 68068  $=$ 165308 | **10)** 26100  $+$ 5220  $+$ 1827  $=$ 33147 |