**Grid multiplication method**

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| **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 = | |  | | --- | |  | | | [1] |
| **3)** Use the grid method to work out 48   36   |  |  |  | | --- | --- | --- | |  | 40 | 8 | | 30 |  |  | | 6 |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **4)** Use the grid method to work out 47   75   |  |  |  | | --- | --- | --- | |  | 40 | 7 | | 70 |  |  | | 5 |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **5)** Use the grid method to work out 893   4   |  |  |  |  | | --- | --- | --- | --- | |  | 800 | 90 | 3 | | 4 |  |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **6)** Use the grid method to work out 2593   5   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 2000 | 500 | 90 | 3 | | 5 |  |  |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [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 |