**Grid multiplication method**

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| **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 = | |  | | --- | |  | | | [1] |
| **3)** Use the grid method to work out 75   72   |  |  |  | | --- | --- | --- | |  | 70 | 5 | | 70 |  |  | | 2 |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **4)** Use the grid method to work out 97   95   |  |  |  | | --- | --- | --- | |  | 90 | 7 | | 90 |  |  | | 5 |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **5)** Use the grid method to work out 345   3   |  |  |  |  | | --- | --- | --- | --- | |  | 300 | 40 | 5 | | 3 |  |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **6)** Use the grid method to work out 7916   9   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 7000 | 900 | 10 | 6 | | 9 |  |  |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [1] |
| **7)** Use the grid method to work out 93   83   |  |  |  | | --- | --- | --- | |  | 90 | 3 | | 80 |  |  | | 3 |  |  |  |  |  |  | | --- | --- | --- | | Answer = | |  | | --- | |  | | | [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 = | |  | | --- | |  | | | [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 |