Calculation Guidelines for Gifted and Talented Children Working Beyond Primary Level
MULTIPLICATION

Mental methods

Use partitioning

Partition either part of the product e.g. 7.3 x 11   =   (7.3 x 10) + 7.3 = 80.3

OR
Use the grid method of multiplication (as below).

Pencil and paper procedures (Written methods)
Use written methods to support, record or explain multiplication of:
- a three-digit number by a two-digit number
- a decimal with one or two decimal places by a single digit

Grid method
6.24 x 8 is approximately 6 x 8 = 48

x	6	0.2	0.04
8	48	1.6	0.32

= 49.92

Grid lines can become optional