

Maths Mastery – Mental Calculations **Answers**

1. $2500 \times 15 = 37\,500$

$16 \times 502 = 8032$

$27\,200 + 34\,024 = 61\,224$

$5906 - 2801 = 3105$

$56\,000 \div 700 = 80$

$289\,000 + 3561 = 292\,561$

2. $30 \times 5 + 267 = 417$

$(138 + 99) \times 3 = 711$

$4500 \div 9 - 143 = 357$

$780 \times 3 - 1340 = 1000$

$(1340 + 1160) \div 50 = 50$

$1400 \div (37 + 33) = 20$

3. $26.7 \times 7.6 = 202.92$

$2.67 \times 760 = 2029.2$

$267 \times 0.76 = 202.92$

$26.7 \times 76\,000 = 2\,029\,200$

$20\,292 \div 7.6 = 2670$

$202.92 \div 26.7 = 7.6$

$10\,146 \div 76 = 133.5$

4. $144 \div 6 = 24$

5. $134 + 216 = 350$

$1400 \div 4 = 350$

$5 \times 70 = 350$

70% of 500 = 350

$965 - 715 = 250$

6. $234 \times 10 - 234 = 2340 - 234 = 2106$

Double 234 3 times and add 234 = 468, 936, 1872 + 234 = 2106

$200 \times 9 + 30 \times 9 + 4 \times 9 = 1800 + 270 + 36 = 2106$

Other ways may be possible.