

Year 9 Revision

1. Multiply the following:

i 452×381 ii 48.28×8.213 iii 183×32.91 iv 18.392×46

2. I am thinking of two numbers. Their sums and differences are presented in the table below. Calculate what the two numbers are.

Question Number	Sum	Difference
a	188	8
b	372	18
c	3892	182

3. Simplify the following:

i. $r + 3r + s + 4r =$

ii. $5t + 2t - 3t + t =$

iii. $6t + 2t^2 + 4t^2 + 3t =$

4. Work out the value of the 6 in the following numbers:

a 3867 b 1486 c 188621

d 62819 e 2817.6 f 271.062

g 38156 h 91367 i 16824.291

5. Answer the following questions:

i. $382 + 8.21 + 5.2 + 7.193 + 9.219 =$

ii. $(4718 + 8 + 81.39 + 92.4) - 7.092 =$

iii. $(47.211 + 1.381 + 3.41 + 182) - (9 + 14) =$

6. If $a=2$ and $b=3$, calculate the value of the following:

i. $2a + b =$

ii. $5a - 3b =$

iii. $b^a =$

iv. $(a + b)^2 =$

v. $7b - 3a =$