Week 6 – Day 2
$3^2 + 3 \times 5 =$
¼ x 100 =
200 x 99% =
40 x 50 =
1 1/6 – 1/3 =
0.5 x 8 =
10 – 5.6 =

Tuesday's Success in Seven Answers

1. $3^2 + 3 \times 5 = 9 + 15 = 24$ (Remember BODMAS)
2. ¼ x 100 = 100 ÷4 = 25 (Remember x sign can be used as 'of')
3. 200 x 99% = 99% of 200 (Multiplication values can be switched)
   99% of 100 = 99
   So 99% of 200 = 198 (because 2 groups of 99 is 198)
4. 40 x 50 = 4 x 5 x 10 x 10 = 20 x 10 x10 = 20 x 100 = 2000 (Remember to digit shift two columns to the left to multiply by 100)
5. **1** 1/6 – 1/3 (We know 1/6 is smaller than 1/3 so to solve this we have to convert **1** 1/6 into an improper fraction first, which is 7/6.)
   7/6 – 1/3 (Now convert both these fractions to sixths)
   7/6 – 2/6 = 5/6
6. 0.5 x 8 (Remember 0.5 is worth a half and x can be read as 'of')
   So 0.5 x 8 = half of 8 = 4
7. 10 – 5.6 = 4.4