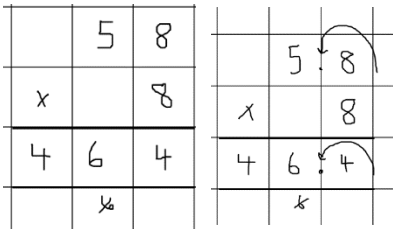
Success in Seven Answers – Friday, Week 2

Week 2 – Day 5
= 3,546,799 x 1
5.8 x 8 =
12.5 ÷ 2.5 =
= 8.109 x 100
4286 x 73 =
= 3/4 x 5/6
64,555 – 31,232 =

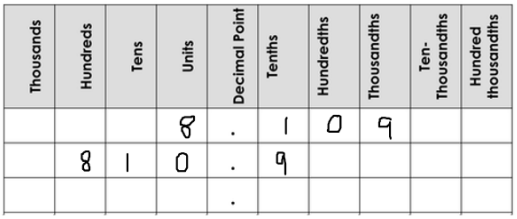
1) 3,546,799 = 3,546,799 x 1
No pudding for you tonight if you got this one wrong!

2) 5.8 x 8 = 46.4
The best way to approach this question is to take the decimal point out and solve it as 58 x 8 =. Then you can put your decimal point back into the question and your arrow eyebrows (☺) showing the answer needs to be 10x smaller.



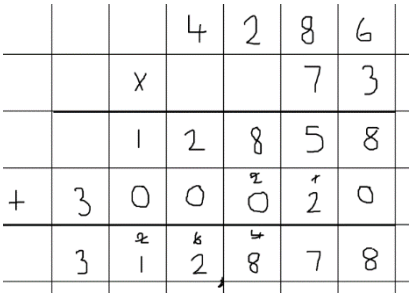
3) 12.5 ÷ 2.5 = 5
2.5 is the same as 2 ½, so how many 2 ½ does it take to make 12.5?
You could also take the decimal points out (similar to Q2) 125 ÷ 25 =
Notice anything?!

4) 8.109 x 100 = 810.9
You should be able to solve this question mentally. Which number is **100x bigger** than 8.109? The digits will move **two places** to the left in the place value chart.



Thousands	Hundreds	Tens	Units	Decimal Point	Tenths	Hundredths	Thousandths	Ten-Thousandths	Hundred thousandths
			8	.	1	0	9		
	8	1	0	.	9				
				.					

5) 4286 x 73 = 312,878
You need the long method of multiplication to answer this one! Check your workings against this one…



6) 3/4 x 5/6 = 15/24 = 5/8
The easiest way to solve this question is to use the procedure of multiplying the numerators together to get 3 x 5 = 15 and then multiplying the denominators together to get 4 x 6 = 24. We then put the answers into a fraction and get 15/24. Both 15 and 24 are in the 3x table so we can simplify the fraction to 5/8.

7) 64,555 – 31,232 = 33,323
A nice one for a Friday ☺ Check your workings against this one…