

Success in Seven Answers – Tuesday, Week 2

Week 2 – Day 2
$7,541 \times 0 =$
$2.3 \times 8 =$
$10 \div 2.5 =$
$1.02 \times 10 =$
$6352 \times 61 =$
$1/4 \times 1/5 =$
$33,421 - 3,674 =$

1) $7,541 \times 0 = 0$

Another easy one to start with!

When you multiply a number by 0, whatever the size, the result will always be 0.

2) $2.3 \times 8 = 18.4$

The best way to approach this question is to take the decimal point out and solve it as $23 \times 8 =$. Then you can put your decimal point back into the question and your arrow eyebrows (☺) showing the answer needs to be 10x smaller.

	2	3
x		8
1	8	4
	2	

	2	3
x		8
1	8	4
	2	

3) $10 \div 2.5 = 4$

Remember from yesterday - 2.5 is the same as $2 \frac{1}{2}$, so how many $2 \frac{1}{2}$ does it take to make 10?

4) $1.02 \times 10 = 10.2$

You should be able to solve this question mentally. Which number is 10x bigger than 1.02? The digits will move one place to the left in the place value chart.

Thousands	Hundreds	Tens	Units	Decimal Point	Tenths	Hundredths	Thousandths	Ten-Thousandths	Hundred thousandths
			1	.	0	2			
		1	0	.	2				
				.					

5) $6352 \times 61 = 387,472$

You need the long method of multiplication to answer this one! Check your workings against this one...

			6	3	5	2
		x			6	1
			6	3	5	2
+	3	8	1	1	2	0
	3	8	7	4	7	2

6) $1/4 \times 1/5 = 1/20$

The best way to solve this question is to use the procedure of multiplying the numerators together to get $1 \times 1 = 1$ and then multiplying the denominators together to get $4 \times 5 = 20$. We then put the answers into a fraction and get $1/20$.

7) $33,421 - 3,674 = 29,747$

Hopefully, you feel more confident with this today. Lots of exchanging so check your workings against this one carefully...

	3	3	4	2	1
-		3	6	7	4
	2	9	7	4	7