

# Success in Seven Answers – Monday, Week 2

Week 2 – Day 1
674 ÷ 1 =
2.1 x 8 =
= 5 ÷ 2.5
1.1 x 10 =
4224 x 32 =
= 1/2 x 1/4
22,121 – 891 =

1)  $674 \div 1 = 674$

Hopefully, a nice easy one to start today's set!

If we have 674 chocolate buttons and there is only one person to have them, they will have all 674!

2)  $2.1 \times 8 = 16.8$

The best way to approach this question is to take the decimal point out and solve it as  $21 \times 8 =$ . Then you can put your decimal point back into the question and your arrow eyebrows (☺) showing the answer is 10x smaller.

	2	1					
x			8				
1	6	8					

  

	2	1					
x			8				
1	6	8					

3)  $5 \div 2.5 = 2$

2.5 is the same as  $2 \frac{1}{2}$ , so how many  $2 \frac{1}{2}$  does it take to make 5?

4)  $1.1 \times 10 = 11$

You should be able to solve this question mentally. Which number is 10x bigger than 1.1? The digits will move one place to the left in the place value chart. Remember we would write 11 and not 11.0 because there is no need for the 0 to hold the place.

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

5)  $4224 \times 32 = 135,168$

You need the long method of multiplication to answer this one!

*DespaZERO,*

*When you start the second line you need a ZERO...*

Did you remember?

Check your workings against this one...

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

6)  $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$

The easiest 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  $2 \times 4 = 8$ . We then put the answers into a fraction and get  $\frac{1}{8}$ .

7)  $22,121 - 891 = 21,230$

Hopefully, Friday's CGP activity helped with this! You need to ensure you have exchanged. Check your workings against this one...

	2	12	04	12	1
-			8	9	1
	2	1	2	3	0