(Week 3 day 2)

1. Numbers (integers, fraction, decimals and percentage)

3/5 of 105 =	1/6 of 138 =	3/4 of 100 =	2/6 of 114 =	4/6 of 132 =
1/6 of( )= 5	1/8 of( ) = 3	1/4 of( )= 6	1/6 of( )= 4	1/7 of ( )= 3
4.05 + 4.95 =	9.54 – 2.44 =	79.5 – 5.94 =	32.6 + 6.73 =	8.58 – 3.49 =
2.8 × 3.8 =	1.35 × 4.6 =	7.68 ÷ 4 =	40% of 30 =	50% of 30 =
$7\frac{3}{4}-1\frac{2}{3}=$	$7\frac{3}{4}+1\frac{2}{3}=$	$6\frac{2}{7}+2\frac{3}{5}=$	7.28÷ 8 =	23 ÷ 5 =

2. Convert measurement units:

19 cm =	m	456 m =	km	237 g =	kg	860 kg =	ton
359 mm =	cm	760 m =	km	922 g =	kg	7300 g =	kg
7500mm =	m	75 m =	km	64 ml =	l	3060 ml =	l

3. Simplify where possible:

5 (x + y - z) =	**x (x + 6) =**	**-m (m – 6) =**	**4(a + b) + 3 (a – b) =**
3x(x + 2y) + 2(x - y) =	**5(x – 2) – 3 (x - 3) =**	**4(2x – 1) – 3 (x - 2) =**	**a^2 (a + 2) =**

4. Equations (multi-steps)

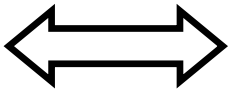
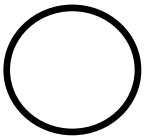
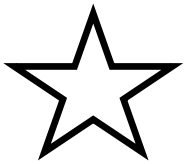
4x – 3 = 3x +21	**12 - 4x = 5 - 3x**	**4 (x – 3) = 2x + 6**	**X /2 – 13 = 3x +2**
4(2x – 1) – 3 = 9	**X / 2 – 3 (x - 2) = 11**	**4(2x – 1) – 3(x - 2) = 0**	**4(3x – 1) = 3 (x - 2)**

5. Mary bought 7 pens. The prices were:

£ 6.00 £ 5.00 £6.00 £ 5.50 £8.50 £ 7.00 £ 4.00

What were the mean, median, modal price? What was the price range?

6. Find the rotational symmetry order of

7. **Find area of the following**: