Maths Revision Sheets

1. Write each of these amounts in expanded form.

E.g. 32,145 =3 ten thousands, 2 thousands, one hundred, 4 tens and 5 units.

(a) 54, 299_____

(b) 39, 055_____

2. Write the value of the underlined digits in numbers and words

E.g.1<u>7</u>, 654=7,000   88, <u>9</u>03=900

When we did this in school, we recommended you write u over the units, t over the tens, H over the hundreds, t over the thousands and Tth over the ten thousands so that you don't make a mistake.

*Numbers after the decimal point are one ten*th*, then one hundred*th *and one thousand*th.

(a) 76, <u>432</u>_____

(b) 114.1<u>8</u> _____

3. Multiply each of these sums using the long multiplication method.

Remember to add a zero on the second line

(a) 144	(b) 380	(c) 679
X16	x 61	x 92
864		
+44**0**		
2304		

4. Say whether the following triangles are equilateral, isosceles or scalene?

Equilateral=all sides equal   Isosceles= 2 sides equal, one unequal

Scalene= all different lengths of sides

(a) 7cm, 3cm, 8cm _____   (b) 10.5 cm, 10.5 cm, 10.5 cm _____

5. Solve the following long division sum. If you need to jog your memory, look at the link here first.

(a) 22 ⟌ 616   (b) 27 ⟌ 864   (c) 56 ⟌ 914

6. Write one example of a fraction addition sum, and one example of a fraction subtraction sum.

(a)   (b)

7. Write each of these fractions as decimals.

(a)   ¼=   (b)   3/10=   (c) 1/1000=

8. Put each of these decimals in order starting with the smallest.

101.1 ,   10.01,   10.1,   0.101

_____

9. Rename each of these lengths as centimetres using the decimal point.
Remember there are 10 mm in 1 cm. 1mm=0.1cm

(a) 7mm _____   (b)   18mm _____   (c) 105mm _____

10. Change these percentages into fractions. Put it over a 100 and simplify.

(a) 50%   (b)   35%   (c) 45%

11. Find the following amounts. Change percentage to a fraction, simplify. Divide by the bottom, multiply by the top.

(a) 75% of 80   (b)   5% of 100

12. Draw a circle and label it using the words, radius, diameter and chord.