Lesson 1: LO: To use and apply knowledge of the number system.

On the next slide they are 5 tasks to do. Here is a guide to how to do the tasks:

1. Write a number in words – 2,075 becomes two thousand and seventy five.

2. Divide a number by 100 – 2,075 ÷ 100 = 20.75. Move integers two place value columns to the right

3. Round to the nearest 1,000 – 2,075 – decide options up and down. 2,000 or 3,000. Look at hundred column. Choose which thousand it is closest to. Remember 5 in a column is rounded UP.

4. Identify the value of digits in different place value columns – write out the place value columns and insert the digits. Remember Millions, hundred thousands, ten thousands, thousands, hundreds, tens, unit, tenths, hundredths, thousandths. The seven in 2,075 = 70.

5. Double – multiply by 2 or partition and double and add together. 2,075 x 2 = 4,150. Because double 2,000 = 4000 double 75=150.

675	26,705	8,253.67	14.76	462.5

Pick one of the numbers above (pick a different number each day).
Then do each of these to the number...

- Write the number in words
- Divide it by 100
- Round it to the nearest 1000
- Identify the value of the 6 digit
- Double it

Now try these:

1. The temperature in Preston is 1°c. In Burnley it is 10°c colder. What is the temperature in Burnley?
2. $10^2 - 3^2 - 1^3 =$
3. $489.3 - 488.4 =$
4. $60 \times 150 =$

If you find the correct answers, what do you notice?