Day 2

Warm up:

Short division with remainders

Watch the following clip and answer the example questions on the website:

https://www.bbc.co.uk/bitesize/articles/zfdsy9q

If you cannot watch the video, read the information below.

Sometimes, when you do a division, there will be a number left over. This is called the **remainder**.

When completing a division in context, you may need to round up or round down, to make a whole number.

For example, if Suki has seven buttons left and two customers who need buttons, how many buttons would each customer get?

$7 \div 2 = 3 \text{ r1}$

Each customer would get three buttons and one would be left over. In this example, the remainder is rounded down.

Practice
Activity 1

True or false

2. True or false?

Glue sticks are sold in packs of 5. Reception class need 350 glue sticks for September. The school office think 70 packs will be enough.

5. True or false?

Flowers are sold in trays of 12. The school need 2,450 flowers to plant in the reception play area. The school caretaker thinks 204 trays will be enough.

Activity 2

With these questions you will need to decide what to do with the remainder so read the question carefully!

1) Rudy works in a chip shop. Each portion gets 35 chips and he makes 12 portions. He divides the all of the chips between 7 friends. How many chips will they have each?

2) St John's School were going on a school trip. There were 459 children and they could fit 35 children onto a coach. How many coaches will they need?

3) Jared collects and sells gargoyle eggs. He collects 1079 eggs which are packed in boxes of 8. How many boxes will he need?

4) Linton is ill and needs to take tablets. He needs to take 3 tablets per day and has 847 tablets in total. How many full days' worth of tablets has he got?

5) Roxanne is a plant potter. Each plant pot contains 7 plants. If Roxanne has 2468 plants, how many completed pots can she make?

6) Ida loves to bake cookies. She made a large batch of 19 cookies. She can fit 9 cookies in each box. How many boxes will she need to hold all of the cookies.