**Date:** Tuesday 26th January 2021

**Learning Objective:**

- To divide 2-digits by 1-digit with remainders.

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**Practise:**

1.
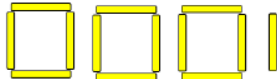How many squares can you make with 13 lollipop sticks?
There are ___ lollipop sticks.
There are ___ groups of 4
There is ___ lollipop stick remaining.
$13 \div 4 =$ ___ remainder ___
Use this method to see how many triangles you can make with 38 lollipop sticks.

2.
Tommy uses repeated subtraction to solve $31 \div 4$
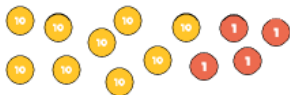
$31 \div 4 = 7 \, r \, 3$

Use Tommy's method to solve 38 divided by 3

3.
Use place value counters to work out $94 \div 4$
Did you need to exchange any tens for ones?
Is there a remainder?

| Tens | Ones |
|------|------|
|      |      |
|      |      |
|      |      |
|      |      |

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**Reason:**

4.
Which calculation is the odd one out?
Explain your thinking.

| $64 \div 8$ | $77 \div 4$ |
|-------------|-------------|
| $49 \div 6$ | $65 \div 3$ |

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**Problem Solve:**

5.
Jack has 15 stickers.

He sorts his stickers into equal groups but has some stickers remaining.
How many stickers could be in each group and how many stickers would be remaining?

6.
Dora and Eva are planting bulbs.
They have 76 bulbs altogether.

Dora plants her bulbs in rows of 8 and has 4 left over.
Eva plants her bulbs in rows of 10 and has 2 left over.

How many bulbs do they each have?

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**Greater Depth:**

Fahmida has some books. Tom has four times as many.

The difference between the number of books they have is 72.

What is the sum of their books?

Fahmida's books ◯

Here is a model of the problem:

Tom's books ◯◯◯◯