Year 3 Maths: Divide with Remainders Activity

Find some counters in your home – this can be any small object.

Use these to solve the problem shown in the video (see below).

The children have some counters

There are fewer than 30 counters.

If I arrange the counters into groups of 5 there is 1 counter left over.

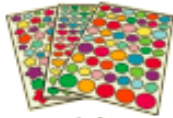If I arrange the counters into groups of 8 there are 2 counters left over.

How many counters do they have?

White Rose Maths

Need some extra practise dividing with remainders?

Have a go at the questions below.

Remember to use grouping and counters like you have seen in the video.

1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.
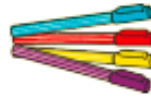
19 stickers

In bag _____

Left over _____

23 sweets

In bag _____

Left over _____

12 felt tips

In bag _____

Left over _____

8 marbles

In bag _____

Left over _____

2. There are 10 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?

2 drinks

Packs _____

Left over _____

8 biscuits

Packets _____

Left over _____

4 cakes

Packets _____

Left over _____

12 paper cups

Packs _____

Left over _____

3. Jin might spend his birthday money on building bricks. He has £17. How many boxes of building bricks can he buy?
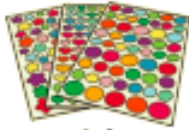
£2   Boxes: _____

4. Or he may spend it on cars. How many cars can he buy?

£5   Cars: _____

ANSWERS

1. Jin is making 5 party bags. How many of each item will he put in each bag? Remember, they need to be exactly the same.
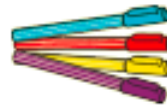
19 stickers

In bag ___3___

Left over _4_

23 sweets

In bag ___4___

Left over _3_

12 felt tips

In bag ___2___

Left over _2_

8 marbles

In bag ___1___

Left over _3_

2. There are 10 people at his tea party. How many packets of each item does he need to buy so there is enough for everyone to have 1 of everything?

2 drinks

Packs ___5___

Left over _0_

8 biscuits

Packets __2__

Left over _6_

4 cakes

Packets __3__

Left over _2_

12 paper cups

Packs ___1___

Left over _2_

3. Jin might spend his birthday money on building bricks. He has £17. How many boxes of building bricks can he buy?

£2   Boxes: ___8___

4. Or he may spend it on cars. How many cars can he buy?

£5   Cars: ___3___