Lesson 11: Wednesday 20th Jan Divide 2 digits by 1 digit

Spring Term: Block 1

Mo has these lolly sticks.



He uses them to make squares.

How many squares can Mo make?



Complete the sentences.

There are 17 lolly sticks.

There are groups of 4

There is lolly stick remaining.

17 ÷ 4 = remainder

Mo can make squares.

Mo now uses the lolly sticks to make triangles.

How many triangles can Mo make?



Complete the sentences.

There are 17 lolly sticks.

There are groups of 3

There are lolly sticks remaining.

17 ÷ 3 = remainder

Mo can make triangles.

3

Use repeated subtraction to complete the divisions.

Use the number lines to help you.







Challenge:

Teddy has fewer than 60 marbles but more than 40 $\,$

When he shares them equally into 3 pots he has no remainders.

When he shares them equally into 4 pots he has remainder 3

When he shares them equally into 5 pots he has remainder 1

How many marbles could Teddy have?





Answer – Purple Pen Only!

Mo has these lolly sticks.



He uses them to make squares.

How many squares can Mo make?



Complete the sentences.

There are 17 lolly sticks.

There are 4 groups of 4

There is | lolly stick remaining.

17 ÷ 4 = 4 remainder

Mo can make 🛴 squares.

2 Mo now uses the lolly sticks to make triangles.

How many triangles can Mo make?



Complete the sentences.

There are 17 lolly sticks.

There are 5 groups of 3

There are 2 lolly sticks remaining.

 $17 \div 3 = \boxed{5}$ remainder $\boxed{2}$

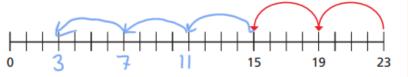
Mo can make 5 triangles.

(3

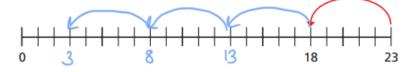
Use repeated subtraction to complete the divisions.

Use the number lines to help you.

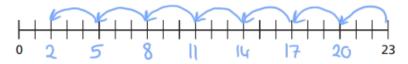
a) $23 \div 4 = \boxed{5}$ remainder $\boxed{3}$



b) $23 \div 5 = 4$ remainder 3



c) $23 \div 3 = 7$ remainder 2



Challenge

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How many marbles could Teddy have?

