

Thursday

Division

WALT: divide 2 digits by 1 digit

Challenge 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

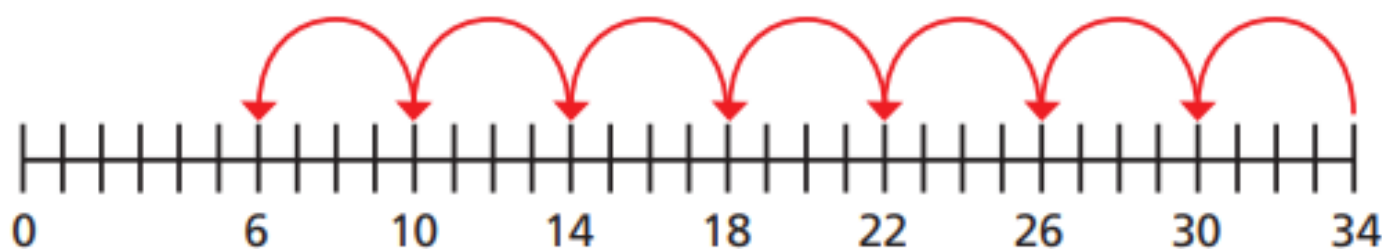
There is lolly stick remaining.

$17 \div 4 =$ remainder

Mo can make squares.

Challenge 2:

Eva works out $34 \div 4$



There is a
remainder of 6



Is Eva correct?

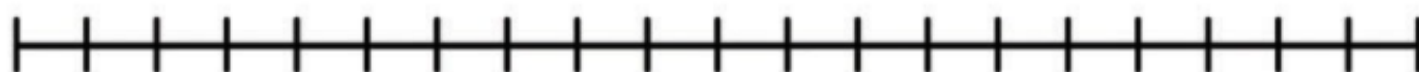
How do you know?

Use repeated subtraction to complete the divisions.

Use number lines to help you.

a) $23 \div 4 =$ remainder

b) $23 \div 5 =$ remainder



Challenge 3:

How do you know there is no remainder when 75 is divided by 5?

Without doing the division, what is the remainder when 76 is divided by 5?

Use place value counters or a place value chart to work out the divisions.

a) $87 \div 4$

b) $77 \div 3$

Extension:

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?