

DIVIDE 2-DIGITS BY  
1-DIGIT (3)



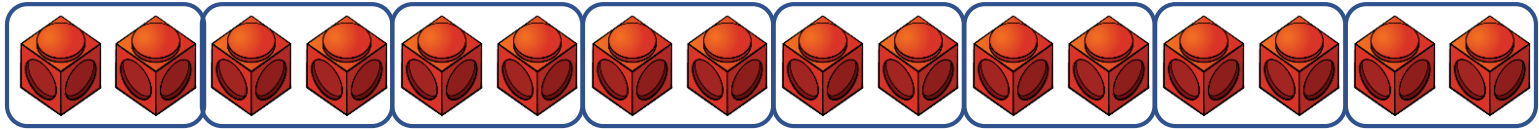
We can use many methods for dividing a 2-digit number by a 1-digit number. We can use:

- Concrete method (using objects)
- Number line method
- Short division (bus stop) written method with pictorial recording
- Short division (bus stop) method on its own.

Sometimes when we divide,  
there will be an amount left over  
that cannot be shared out  
equally.

This is called a **remainder**.

$$16 \div 2$$

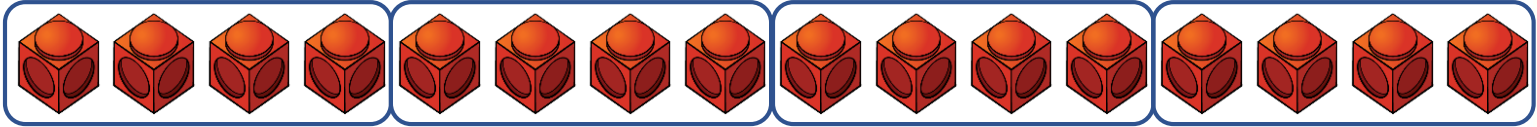


There are 16 cubes altogether.

There are 8 groups of 2

$$16 \div 2 = \boxed{8}$$

$$16 \div 4$$

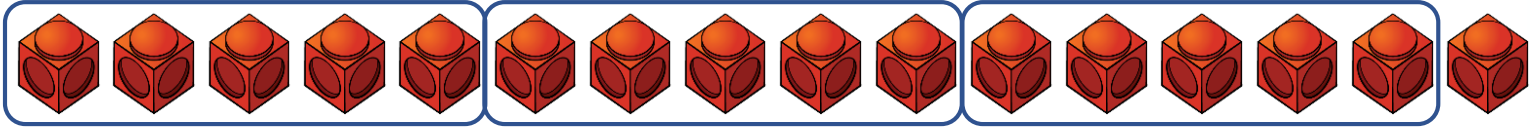


There are 16 cubes altogether.

There are 4 groups of 4

$$16 \div 4 = \boxed{4}$$

$$16 \div 5$$



There are 16 cubes altogether.

There are 3 groups of 5

There is 1 cube remaining.

$$16 \div 5 = \boxed{3} \text{ remainder } \boxed{1}$$

# Concrete method

$69 \div 6 =$

T	O

T O  
6 9

$69 \div 6 =$

T	O
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube

T O  
6 9

remainder

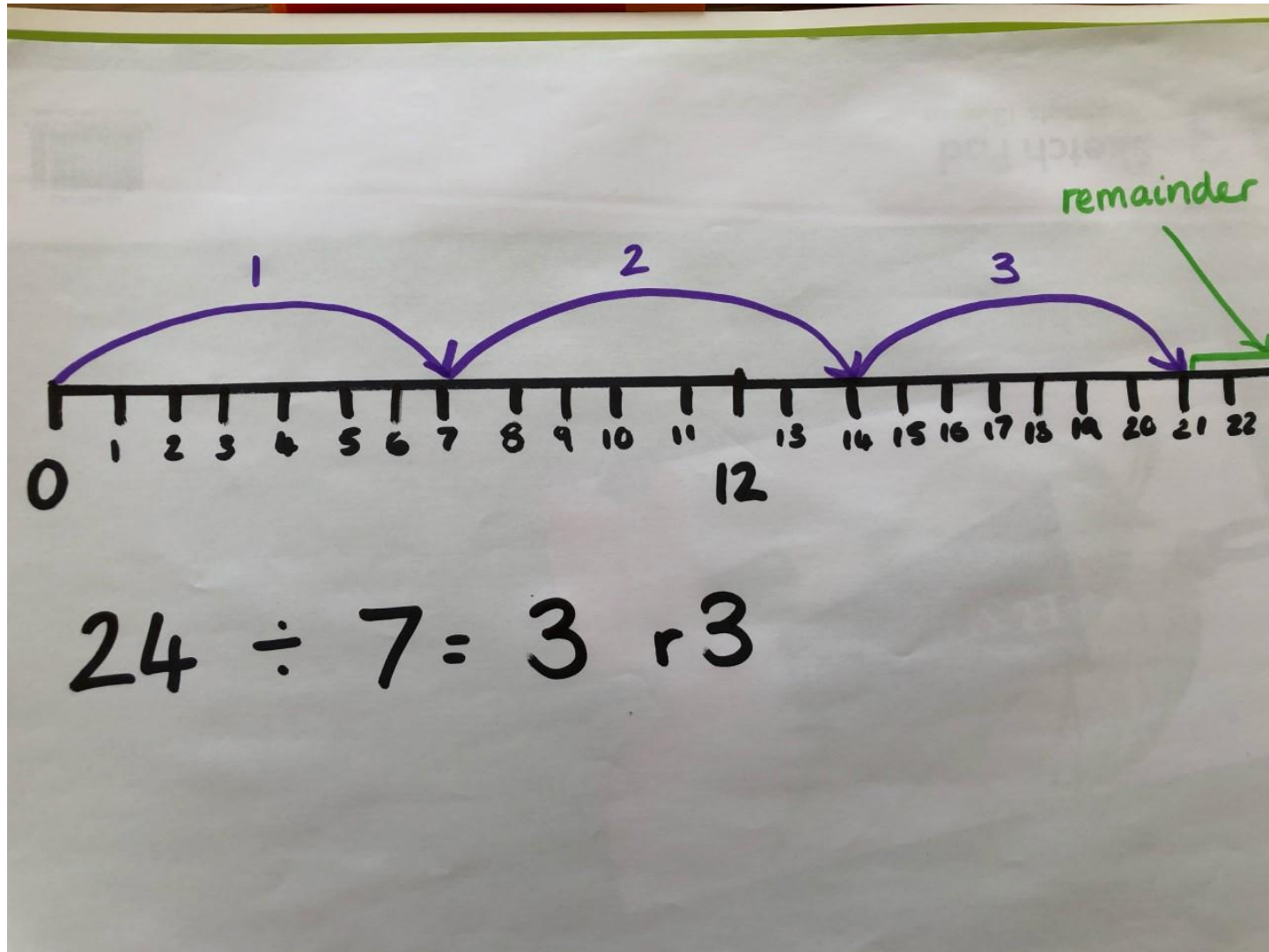
$69 \div 6 = 11 \text{ r } 3$

T	O
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube
1 shell	1 tube

T O  
6 9

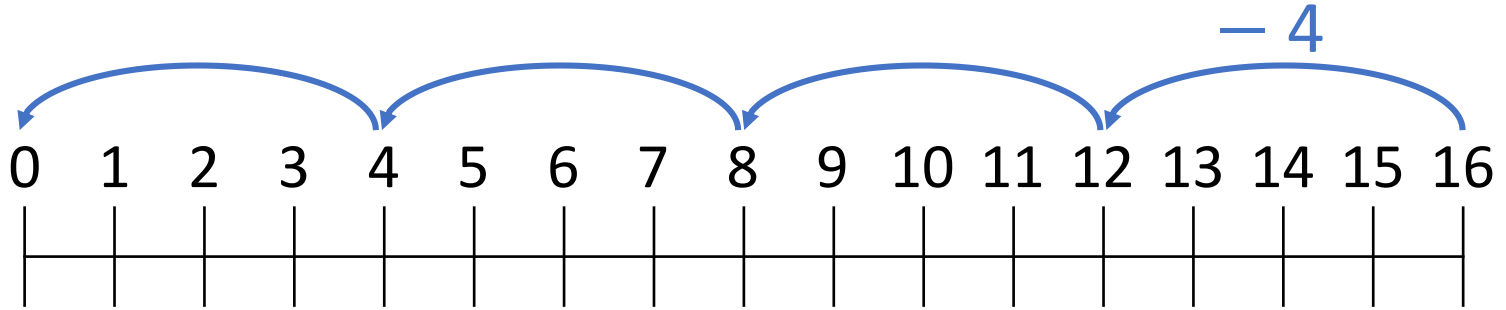
remainder

# Number line method

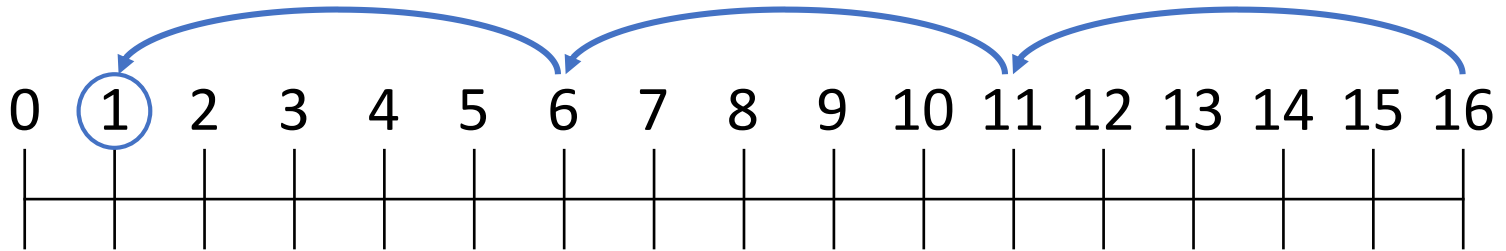




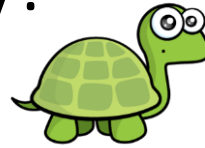
$$16 \div 4 = 4$$



$$16 \div 5 = 3 \text{ remainder } 1$$



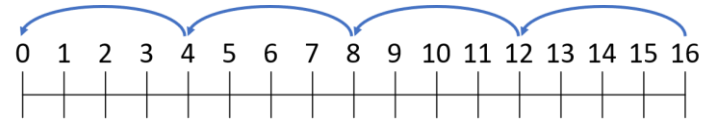
Do you agree with Tiny?



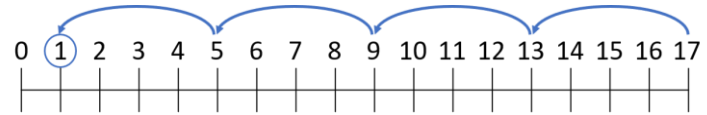
Have a think



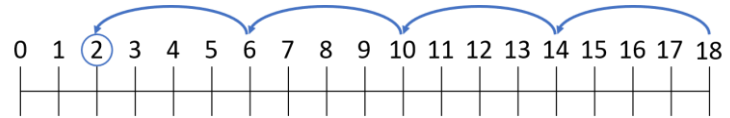
$$16 \div 4 = 4$$



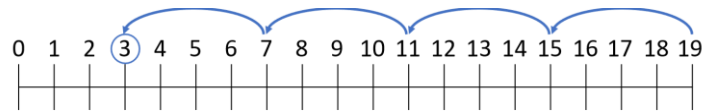
$$17 \div 4 = 4 \text{ remainder } 1$$



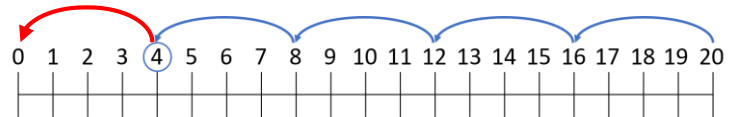
$$18 \div 4 = 4 \text{ remainder } 2$$



$$19 \div 4 = 4 \text{ remainder } 3$$

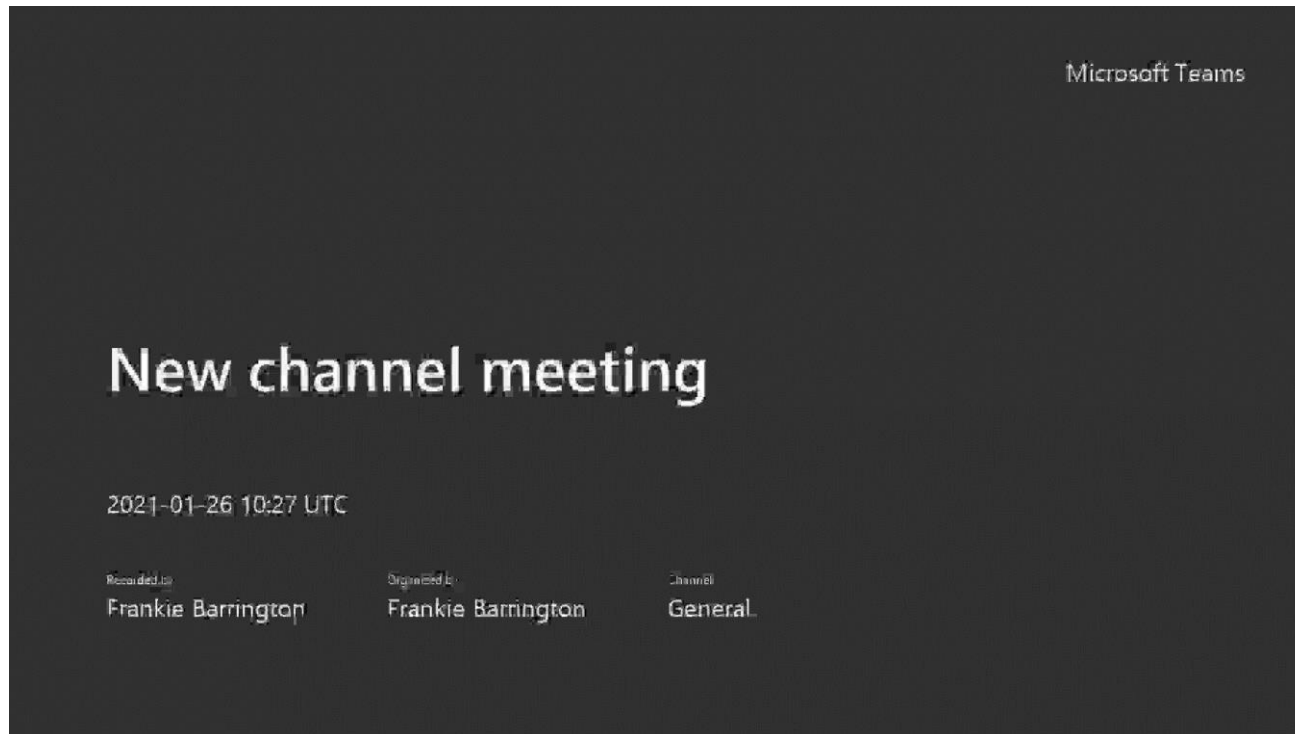


$$20 \div 4 = 5$$



‘bus stop’ method with remainders (with pictorial recording to support)

**Just like before, you can also do this with objects if it is easier for you.**



# 'bus stop' method with remainders

Microsoft Teams

## Meeting in "General"

2021-01-26 10:50 UTC

Recorded by

Frankie Barrington

Organised by

Frankie Barrington

Channel

General