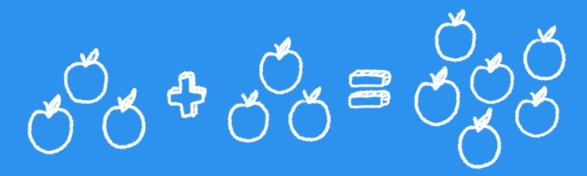


THIRD SPACE LEARNING 3 23 2 = 5 HELLO!

Today we are going to do revision on multiplication and division 2

(Long multiplication and division, BIDMAS)





## Arithmetic Warm Up Add and subtract large numbers



2. 482 852 - 79 465 =



234852 + 82945 4 8 2 8 5 2 7 9 4 6 5

BIDMAS, long multiplication and division



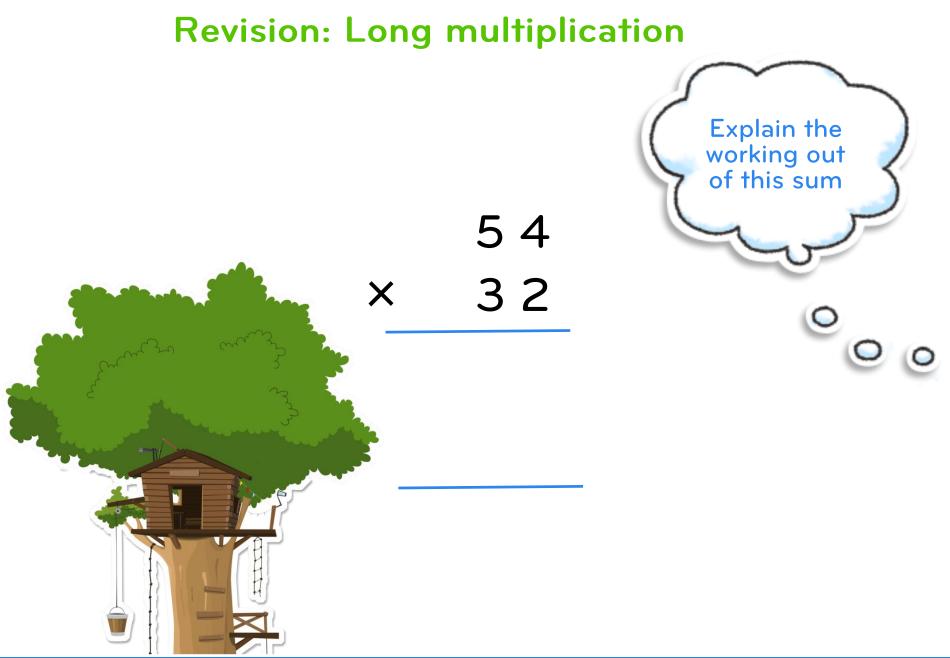
# Revision on long and short multiplication and division



#### First we are going to revise:

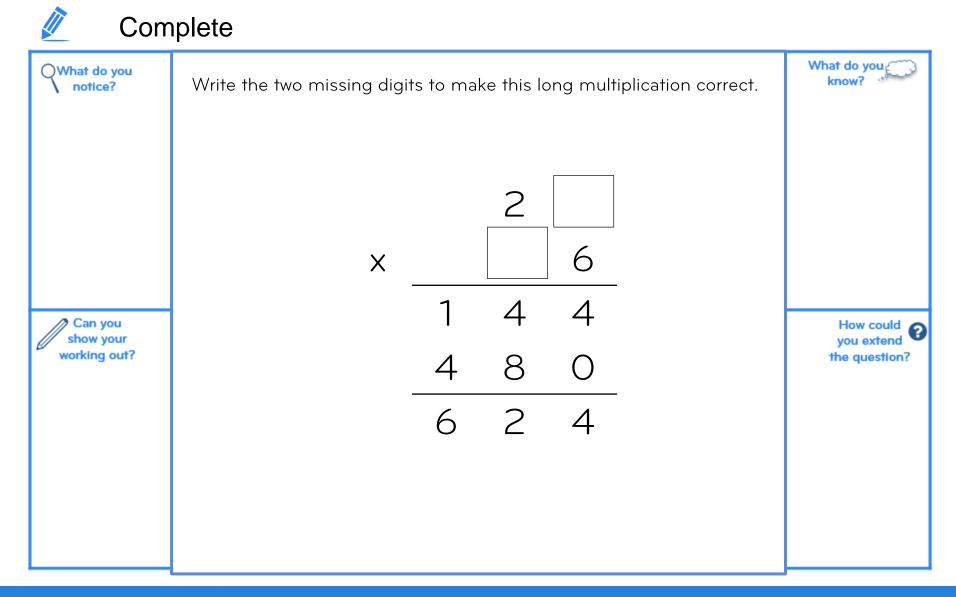
Long multiplication





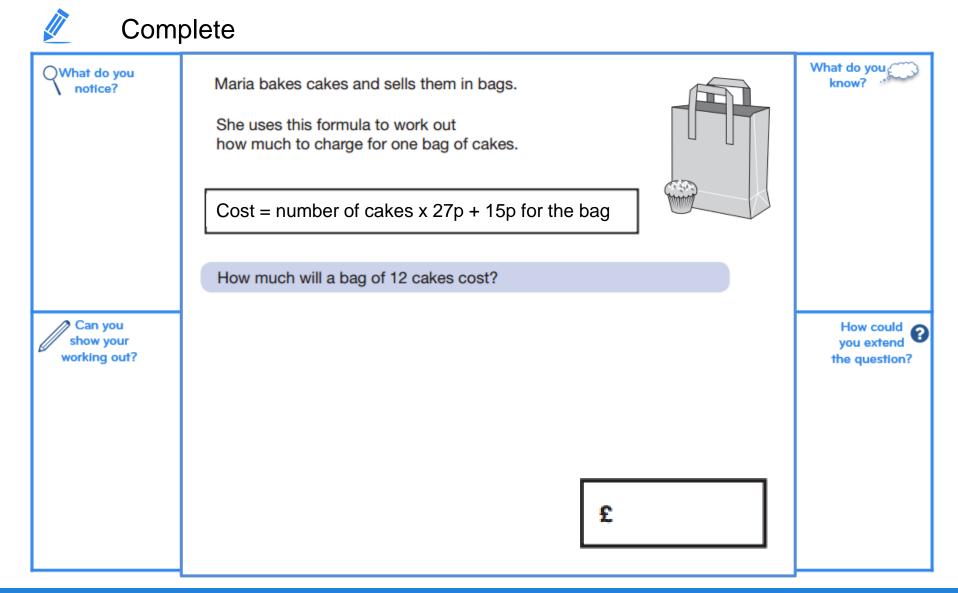
BIDMAS, long multiplication and division





BIDMAS, long multiplication and division





## **Revision: Order of operations**



There is an agreed order of operations for calculations

**BIDMAS** 

**Brackets** Indices **Division or** Multiplication (left to right) Addition or Subtraction (left to right)

'Indices' are powers, for example,  $2^3$  or  $4^2$ 



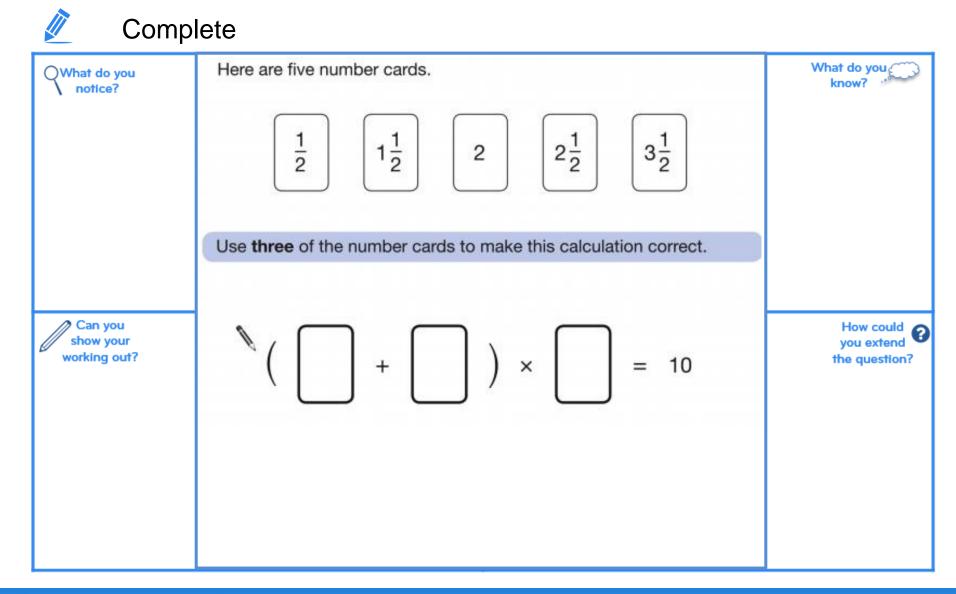
a)

Work these out:

 $5 \times 4 - 2 \times 3 + 16 \div 4 =$ 

 $3^3 + (5 \times 3 - 2^2) =$ **b**)





BIDMAS, long multiplication and division





9

I can use long multiplication to multiply 2-digit numbers by
2-digit numbers

I can use the correct order of operations to solve problems

Draw a circle around the smiley face to show how you feel

about what we've just been doing.







Is there something you would like to go over before we move on?



# Revision on long and short multiplication and division



Now we are going to revise:

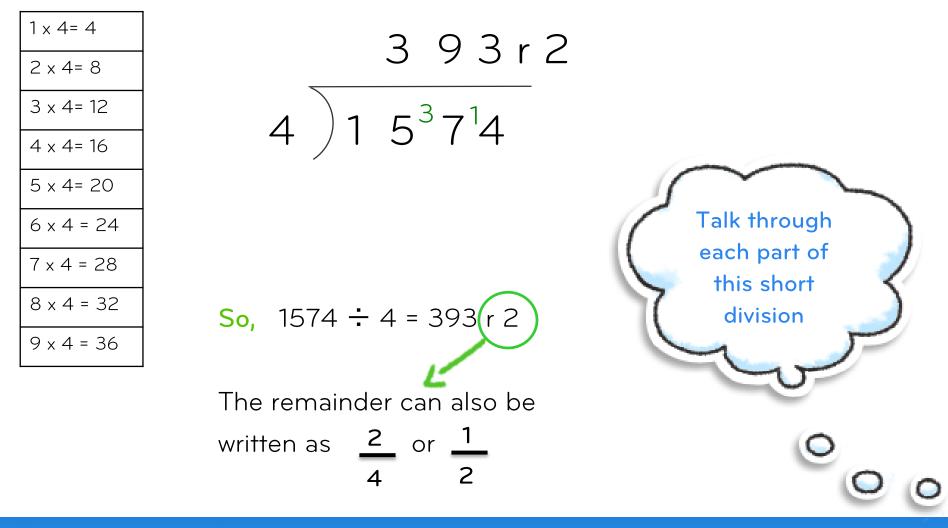


Long division

Know when you would use long or short division

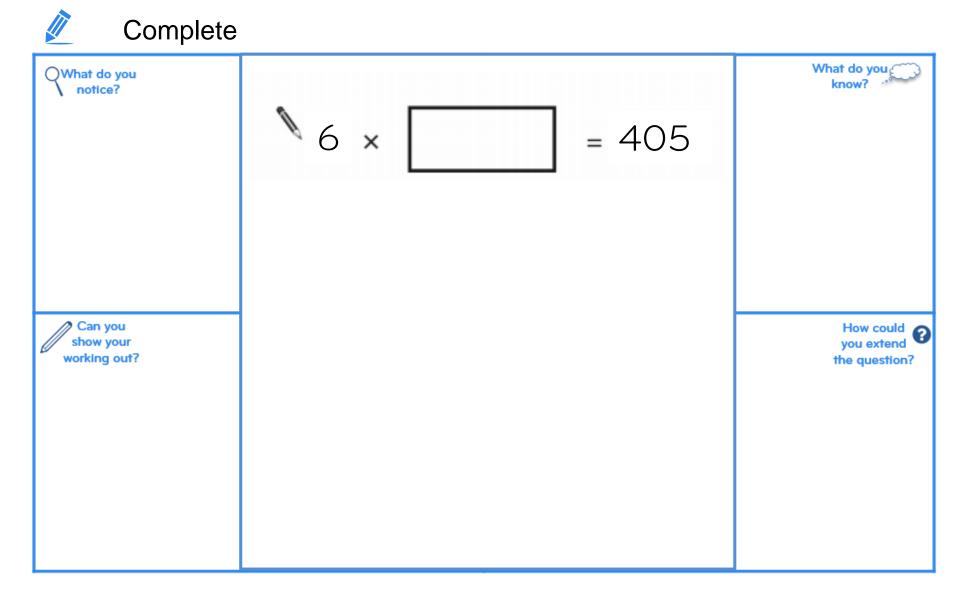


## **Revision: Short division with remainders**

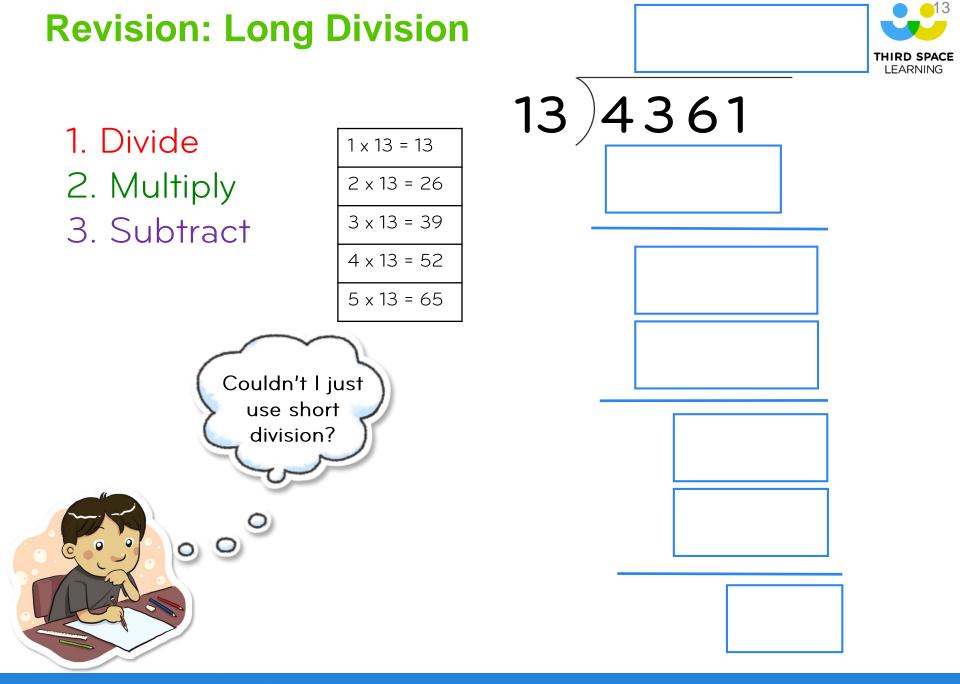


BIDMAS, long multiplication and division

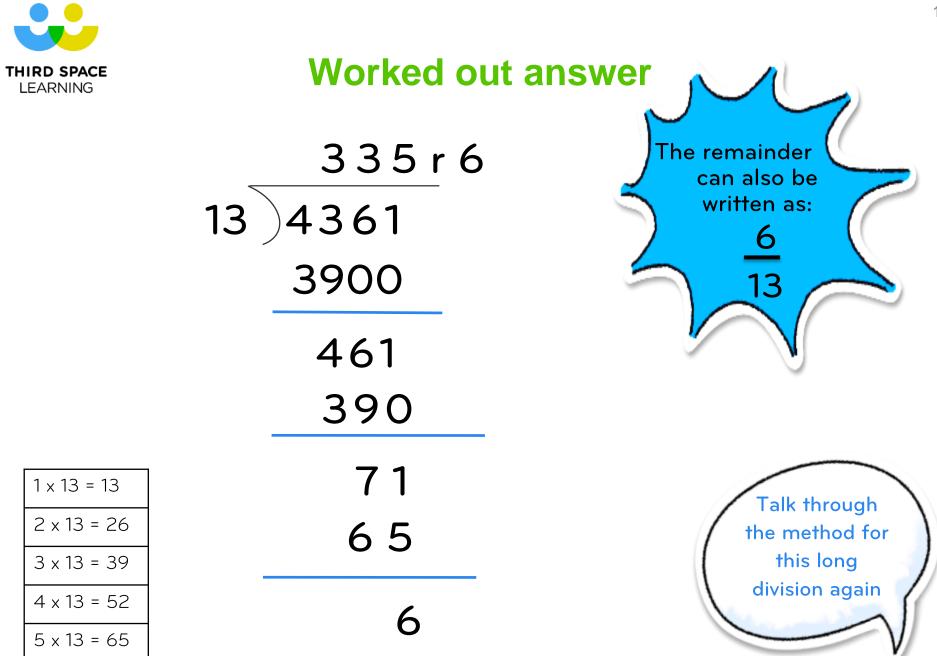




BIDMAS, long multiplication and division

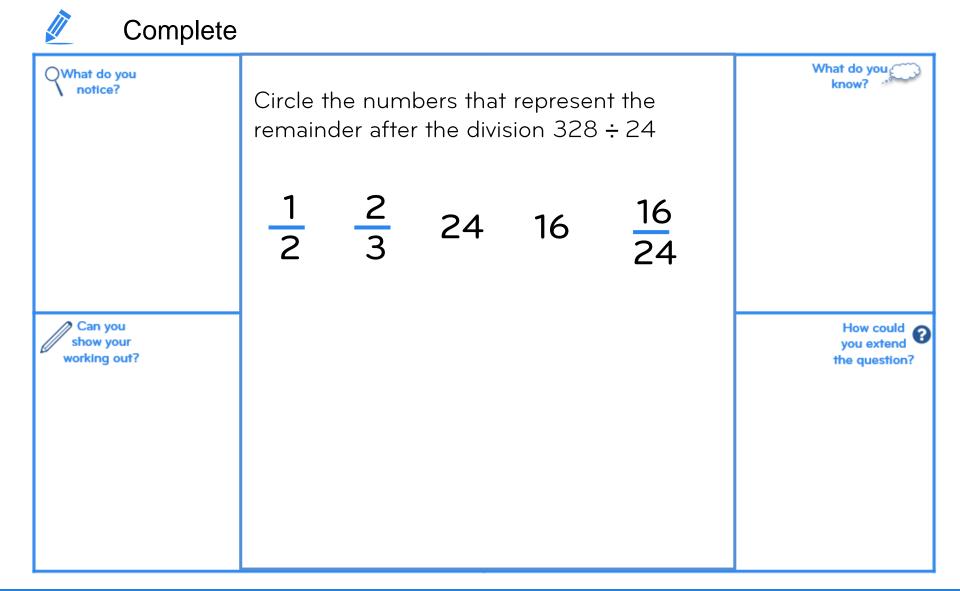


BIDMAS, long multiplication and division



BIDMAS, long multiplication and division









16

I can use the correct method for both short and long division

I understand when it is beneficial to use long division rather than short division

Draw a circle around the smiley face to show how you feel about what we've just been doing.







Is there something you would like to go over before we move on?