# Y6 Home Learning Pack

# Miss Ellison's Maths Group Revision of Learning



Multiplication using long multiplication - choose your chilli level and complete the questions.



# Multiplication using long multiplication.



You are going to make 345 cookies to share with your neighbours during social distancing. Each cookie needs I7 chocolate chips. How many chocolate chips will you need altogether?







Division using short division (bus stop method) - choose your chilli level and complete the questions.

1. 
$$725 \div 5 =$$
  
2.  $128 \div 4 =$   
3.  $232 \div 8 =$   
4.  $288 \div 3 =$ 

1.
$$6,036 \div 12 =$$
2. $1,260 \div 28 =$ 3. $3,648 \div 57 =$ 4. $6,375 \div 75 =$ 







#### Negative number in context.

# The Rules:

It can all be put into two rules:







## Negative number in context.

When counting in tens from any single digit, the last number never changes.

When counting back in tens from any single digit, the last number does change.

e.g.

9, 19, 29, 39 9, -1, -11, -21

Explain why this happens.





I have £30 to spend on food to stock up for the next couple of weeks. Luckily, I manage to get hold of the essentials (pasta and toilet roll!), and I end up at -£6,49. How much did I spend on food?





Use common factors to simplify fractions.



#### Use common factors to simplify fractions.





I think that two fifths in its simplest form is 1 over 2.5, Am I right?

## Always, sometimes, never?

To simplify a fraction you divide by 2 until you can't divide by 2 anymore.

#### Add and subtract fractions with common denominators that total >1.



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#### Convert metric units: length, mass and volume.



Measure area and perimeter of quadrilaterals.



