

# Yr2 : Mathematical Development



**Year Two : Jo, Raja and Sammy have helped lots of people.**

This week, we will be concentrating on problem solving; partitioning and place value.

I can..... I can use the facts I know to help me solve number problems.

I can..... I can count in 2s and 10s and to 100.

I can..... I can partition and combine numbers

I can..... I can use what I know about place value to add, subtract and order numbers

I can..... I can solve problems

We will do introductions in class and activities will be sent home in the 'pack'

### Try this tricky challenge!

#### How Much Did it Cost?

Jo Awesome bought a packet of crisps and an ice cream.

The cost of both of them together is in one of the boxes below.

£1.85	75p	£1.74	£2.25	£1	£1.56
£2.10	80p	£1.80	£3.06	£1.44	£1.50
£1.60	£1.25	£1.20	90p	£1.45	£1.27

Use these clues to find out how much she paid:

1. You need more than three coins to make this amount.
2. There would be change from the most valuable coin.
3. The crisps cost more than 50p.
4. You could pay without using any copper coins.
5. The ice cream costs exactly twice as much as the crisps.

Top Tip -

Read the clues and find the answers that do not fit the clues. Cross them out.

I did not get the answer right first time!

Try and then try again!

## Superhero Money Maths

Use repeated addition or multiplication to work out the total costs!

Raja Extraordinary went to the Super Fruit Shop

The shop had funny rules.

1. Buy one, two, or three pieces of fruit.
2. Work out the total cost.
3. Pay for your shopping using one type of coin only.
4. Write a repeated addition number sentence to show how you paid for your fruit.
5. If you can... Write a multiplication number sentence to show how you paid for your fruit.



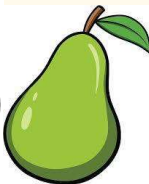
10p



15p



5p



50p



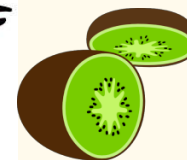
75p



20p



£1.10



92p

Raja Extraordinary invented some new coins!

Can you pay with only 3p coins, 11p coins or 7p coins?

Invent a coin to challenge your number thinking!

I bought a pear using 5p coins...

$5p+5p+5p+5p+5p+5p+5p+5p+5p+5p=50p$  or  $10 \times 5p=50p$

I bought a banana and a slice of watermelon.  $15p+75p=90p$

$10p+10p+10p+10p+10p+10p+10p+10p+10p=90p$  or  $9 \times 10p=90p$

## Year 2 Superhero Money Challenges!

Superheroes go shopping!

Superheroes can work out the cost of their shopping!

Superheroes use repeated addition and multiplication to work out totals.

Top Tip

Repeated addition is when the same number is added again and again!

$4+4+4+4+4+4$  OR  $6+6+6+6+6+$

Remember the useful money games on Top Marks...

Toy Shop Money Game - <https://www.topmarks.co.uk/money/toy-shop-money>

Coins Game - <https://www.topmarks.co.uk/money/coins-game>

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