



WEEK 3 – LESSON 3





Starter

Order the amounts in ascending order.

267p £0.26 276p £27.60

Order the amounts in descending order.

1067p £16.07 £167 167p



How did you do?

Order the amounts in ascending order.

£0.26, 267p, 276p, £27.60

Order the amounts in descending order.

£167, £16.07, 1067p, 167p



Learning Question:

How can I solve money problems using addition and subtraction to design a playground?

Success Criteria:

- Identify key information in the problem.
- Use methods of addition and subtraction correctly to work out a budget.
- Understand the value of each digit in a decimal number.
- Use reasoning skills to explain solution to the problem.
- Ensure calculations are correctly completed and within budget.

Vocabulary

- Pound
- Pence
- Budget
- Addition
- Subtraction
- Calculate

We use decimals all the time when talking about money.


The decimal point separates the pounds from the pence.

We can write money in different ways:

£10.55

Ten pounds and fifty five pence

1055p



To identify what the numbers after the decimal point mean remember that:


100 x 1p pieces = £1

10 x 10p pieces = £1



The first number after the decimal point means **tenths**.

So a digit in this position represents the number of **ten pence pieces**.



The second number after the decimal point means **hundredths**.

So a digit in this position represents the number of one **pence pieces**.

Things to remember when working with money.

- Don't forget to use zero as a place holder; eg: one pound five pence = £1.05.
- When writing amounts of money always write two digits after the decimal point.

Three pounds and fifty pence is written as £3.50 not £3.5.

- Never have £ and p signs together.
£5.55p ☹️
- Whole amounts can be written as £8 or £8.00



Year 4 we need your help!

We would like for you to design the playground of your dreams. Imagine going outside at break and being able to jump on a trampoline until your legs have turned to jelly – or until the whistle blows at least.

There is just one small catch. The **BUDGET!**

You will need to use your maths skills and knowledge to finance the project, use your knowledge of what's fun to play with to make your dream playground.

Task

Hard: Use the equipment order form. Budget of £500.

Harder: Use the equipment order form. Budget of £1000.

Hardest: Use the equipment order form. Budget of £750.

It's your lucky day there is a 50% sale on all items!

Herculean: Use the equipment order form. Budget of £1250.

All items are buy one get one half price.

For example - Pack of 3 hoops x 1 = £10.50

Pack of 3 hoops x 2 = £15.75

The order form and “catalogue” can be found on the year 4 home learning page.