

Lewis Class

Year 3 Maths (week beginning 04.05.20)

Here are some links to websites that have videos to support your child's learning in Maths. If you are struggling to find time to sit down with them, they could watch and make notes independently. These are not necessarily linked to the current topic but are still useful tools for learning. They can also be used as additional learning if needed.

<https://www.bbc.co.uk/bitesize/subjects/z826n39>

<https://www.thenational.academy/online-classroom/year-3/maths#subjects>

Money

When handling money, don't forget to wash your hands.

Task 1

- Adding money**

When adding money, you are encouraged to add the pounds first and then add the pence. If the pence add up to more than a pound, you exchange the pence for a pounds to complete the calculation.

For example – if I was adding $\text{£}2.50 + \text{£}3.65$, I would add the pounds first $\text{£}2 + \text{£}3 = \text{£}5$, then the pence $50\text{p} + 65\text{p} = 115\text{p}$ – we know that $\text{£}1 = 100\text{p}$ so $115\text{p} = \text{£}1.15$. Now add it all up - $\text{£}5 + \text{£}1.15 = \text{£}6.15$.

Recap of converting pounds to pence - <https://whiterosemaths.com/homelearning/year-3/> watch lesson 1.

Watch video <https://whiterosemaths.com/homelearning/year-3/> Lesson 2

Find the totals of these amounts:

1. $\text{£}3.40 + \text{£}2.10$
2. $\text{£}4.75 + \text{£}1.50$
3. $\text{£}6.20 + \text{£}12.50$
4. $\text{£}8.75 + \text{£}5.60$
5. $\text{£}5.80 + \text{£}2.52$

Mo uses a part-whole model to add money.

$\text{£} ___ \text{ and } ___ \text{ p} + \text{£} ___ \text{ and } ___ \text{ p}$

There is $\text{£} ___ \text{ and } 105\text{p}$.

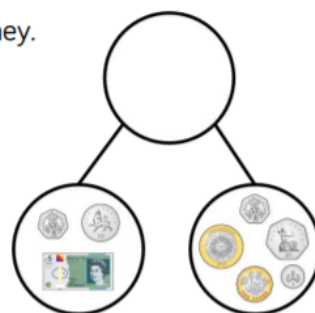
$105\text{p} = \text{£} ___ \text{ and } ___ \text{ p}$

Altogether there is $\text{£} ___ \text{ and } ___ \text{ p}$.

Use Mo's method to find the total of:

$\text{£}10 \text{ and } 35\text{p} \text{ and } \text{£}4 \text{ and } 25\text{p}$

$\text{£}10 \text{ and } 65\text{p} \text{ and } \text{£}9 \text{ and } 45\text{p}$



<https://www.topmarks.co.uk/money/coins-game> - choosing counting money, any 4 or any 6 coins.

Task 2

- Subtracting money

When subtracting money, you will use different methods. Sometimes you will see examples where you can physically remove the coins, and examples where they will need to use their knowledge of converting money to exchange £1 for 100 pence. You can also use number lines to count on or back to calculate the difference between two amounts.

Alex has £3 and 50p.
She gives £2 and 10p to her sister.
How much money does she have left?



$$£3 - £2 = £______ \quad 50p - 10p = ______ p$$

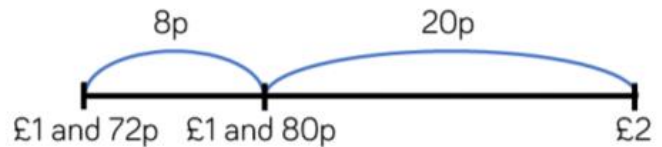
Alex has £______ and ______ p remaining.

Watch video <https://whiterosemaths.com/homelearning/year-3/> Lesson

Which method will you use to calculate these?

1. £7.50 - £4.20
2. £3.80 - £1.25
3. £4.30 - £2.40
4. £8.60 - £5.80
5. £5.30 - £3.70

Tommy has £1 and 72p. Rosie has £2
How much more money does Rosie have than Tommy?



Rosie has ______ p more than Tommy.

Task 3

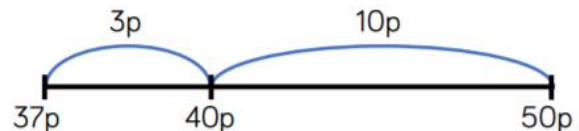
- Giving change

Now that you have practised subtracting money, this will help you give to change in real life situations.

Do some more role play at home by being a shop keeper. Decide prices for different snacks and sell them to your family. Concentrate on ensuring you give them the correct change!

Have another go on this game and choose giving change: <https://www.topmarks.co.uk/money/toy-shop-money>

Mo buys a chocolate bar for 37p. He pays with a 50p coin. How much change will he receive?



Mo will receive ______ p change.

Use a number line to solve the problems.

- Ron has £1. He buys a lollipop for 55p. How much change will he receive?
- Whitney has £5. She spends £3 and 60p. How much change will she receive?

Task 4

- Problem solving questions

A T-shirt costs £7 and 20p.
In a sale, the T-shirt costs £5 and 40p.

How much has the cost of the T-shirt been reduced by?



Have a go at writing your own worded questions!

Dora bought these muffins.



Muffins cost 35p each.
How much did Dora spend?

Tommy bought three times as many
muffins as Dora.
How many muffins did Tommy buy?
How much money did Tommy spend on
muffins?

How much more money did Tommy
spend than Dora?

Rosie has £5
Has she got enough money to buy a car
and two apples?



£3 and 35p

£2 and 55p



85p

75p

What combinations of items could Rosie
buy with £5?

Throughout the week - practise multiplication tables:

You could:

- Focus on whichever one you find difficult to remember and write out in a random order to improve your rapid recall.
- Play on Hit the Button - focus on number bonds, halves, doubles and times tables -

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Do a multiplication dance – <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4>