

THURSDAY 2ND APRIL

GOOD MORNING!

Maths: Subtracting money or solving a money problem.

Arithmetic: Calculations where the = sign has been moved

English: Finishing comic strips/layout of a newspaper report.

Spellings: prefix game

Suggested afternoon activities -

PE: Obstacle courses

MATHS: SUBTRACTING AMOUNTS OF MONEY.

TODAY WE WILL LOOK AT HOW TO SUBTRACT AMOUNTS OF MONEY.

EXAMPLE: LIKE WE DID WITH ADDING MONEY, SOMETIMES WE MIGHT NEED TO EXCHANGE INTO PENCE TO MAKE IT EASIER TO SUBTRACT TWO AMOUNTS.

$$£4.58 - £3.46$$

$$\begin{array}{r} 458 \\ - 346 \\ \hline 112 \end{array}$$

DON'T FORGET TO PUT THE DECIMAL POINT BACK IN TO SHOW WHICH ARE THE POUNDS AND WHICH ARE THE PENCE!

FINAL STEP: 112P = £1.12 (We know this because 100p = £1)

CHALLENGE 1:

When we borrow we need to take a ten or hundred to add to another digit.

See the example below to remind you how to do this:

$$\begin{array}{r} 315 \\ \cancel{45} \\ - 18 \\ \hline 27 \end{array}$$

Two digit
number
example

Three digit
number example

$$\begin{array}{r} 311 \\ \cancel{421} \\ - 175 \\ \hline 246 \end{array}$$

LO: To practise subtracting using money.

Answer these questions in PENCE (you may need to use borrowing):

1. $88\text{p} - 45\text{p} =$

2. $34\text{p} - 17\text{p} =$

3. $79\text{p} - 65\text{p} =$

4. $42\text{p} - 39\text{p} =$

Answer these questions using POUNDS (you may need to use borrowing. Don't forget to convert!):

1. $\text{£}4.57 - \text{£}3.15 =$

2. $\text{£}7.25 - \text{£}3.52 =$

3. $\text{£}9.44 - \text{£}7.18 =$

4. $\text{£}45.58 - \text{£}22.34 =$

Complete this word problem:

Jason buys flowers for his mum at the market. The flowers cost $\text{£}5.67$. Jason has $\text{£}8.44$. How much change would he get if he gave the shopkeeper all his money?

CHALLENGE 2:

LO: To practise subtracting using money.

Answer all questions in pounds (you may have to use borrowing).

1. $£7.50 - £3.45 =$

2. $£8.73 - £4.52 =$

3. $£19.39 - £4.46 =$

Complete these word problems:

1. I buy one apple for 55p and one banana for 34p. If I pay for them both using a £1.00 coin, how much change will I have?

2. Mugs cost £2.13 in the shop. Jess wants to buy 4. When she gets to the till, the shopkeeper gives her 30p off because she is buying more than one. How much does Jess pay altogether?

3. I buy a pen for £2.00, a pencil for 50p and a ruler for £30p. Dad gives me £5.00 and tells me to keep the change once I have paid. How much do I keep?

CHALLENGE 3:

Kim bought a chocolate bar and a drink.
The cost of them both together is in one of the boxes below.

money

£1.85	75p	£1.56	£1.27	£1.60
£1.74	£2.25	£1.00	90p	£1.25
£1.80	80p	£2.10	£1.45	£1.20
£1.44	£3.06	£1.50		

Using the clues, can you work out which price in the boxes is correct?

1. You need more than three coins to make this amount.
2. If they paid using a coin with the highest value, they would get change.
3. The chocolate bar costs more than 50p
4. You could pay without using any copper coins.
5. The chocolate bar cost exactly half the amount of the drink.

You will need to use a few different maths skills to answer this one! Look carefully at the clues. It is a bit trickier so don't worry if you get stuck! You could use real coins to help you if you have some 😊

The best place to start is by eliminating any amounts it definitely couldn't be. For example, you could make £1.20 or £1.50 with 2 coins (£1 and 20p or £1 and 50p), so you know it couldn't be these amounts because of clue 1.

ARITHMETIC:

Sometimes calculations try to confuse us by moving the = sign to a different place in the calculation.

We are used to seeing calculations like this:

$$20 \div 10 = ? \quad 20 \div 10 = 2$$

But occasionally we will see the = moved to a different place like this:

$$? = 20 \div 10 \quad 2 = 20 \div 10$$

This does not change the sum you need to do, it only means the answer will go in a different place! If you need to, you can rearrange the calculation so that the equals sign is where you would normally expect it to be and work it out that way, then put the answer in.

Try these sums using the slide before to help you:

1.) $? = 30 \div 10$

2.) $? = 40 \times 3$

3.) $? = 50 + 50$

4.) $? = 60 - 4$

ENGLISH:

- Please continue to work on your comic strips today – if you get these finished and coloured I would love to see them!
- Make sure that they tell a story that could be turned into a newspaper report.
- If you finish your comic strip you could start to design the layout of your newspaper report. Think about what you might call your newspaper and a catchy, short heading for your story!

Spelling

Try this prefix and suffix game:

<http://www.funenglishgames.com/grammargames/prefixsuffix.html>

PE: OBSTACLE COURSE!

- For PE today you could try to create your own obstacle course and challenge your family to complete it. Try to set obstacles that need different movement skills and that require you to work at different levels like we have been working on in our dance in school. You could time each other to see who can do it the quickest. Whether you have a prize for the winner is up to you! Below are some examples of obstacle courses/trails you could take ideas from 😊 Be creative!

