Class 3 Home Learning, week beginning 1st June 2020

Maths - Year 3

Summer Term, Week 3
(w/c 4th May)

Lesson 1
Convert pounds and pence

Please watch the video before choosing your challenge.

Why not have a go at the reasoning
and problem solving too?

Can I convert between pounds and pence?

Challenge 1

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

Questions 1-4 mentioned in the video are questions 1-4 in this challenge.

1) Please write your answers in your maths book.

a) How many 50p coins would you need to make £1?

b) How many 20p coins would you need to make £1?

c) How many 10p coins would you need to make £1?

d) How many £2 coins would you need to make £10?

2) Please write your answer in your maths book.

How many 1p coins do you need to make £1? [ ]

3) Please write your answers in your maths book.

Write the price of each item in pence.

RoboBoy
£1 and 24p   [   ] p

£2 and 24p   [   ] p

£6 and 45p   [   ] p

4) Copy and complete.

Write each amount in pounds and pence.

a) 274p = £[ ] and [ ] p   b) 592p = £[ ] and [ ] p

374p = £[ ] and [ ] p   591p = £[ ] and [ ] p

474p = £[ ] and [ ] p   590p = £[ ] and [ ] p

Answers for all of the above questions can be found on the White Rose Home Learning website.

w/b 1.6.20 Class 3's Home Learning, Maths (Y3)

Can I convert between pounds and pence?

Challenge 2

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

Questions 1-4 mentioned in the video are questions 1-4 in Challenge 1.

Questions 5-8 are questions 1-4 in this challenge.

1) Please write your answers in your maths book.

Annie has some coins.

a) How much money does Annie have?   £☐ and ☐ p

b) What is 10p more?   £☐ and ☐ p

What is 10p less?   £☐ and ☐ p

c) What is 100p more?   £☐ and ☐ p

What is 100p less?   £☐ and ☐ p

2) Please write your answers in your maths book.

What amount is represented in each box?

£☐ and ☐ p   £☐ and ☐ p   £☐ and ☐ p

3) How did you count the coins? Show your working out in your maths book.

Eva empties out her money box.

How much money was in her money box?   £☐ and ☐ p

4) Write your answers in your maths book.

a) What is the fewest number of coins you can use to represent 315p?

_____

b) Use 6 coins to make an amount that is more than £3, but less than £4. Draw your answer.

Can I convert between pounds and pence?

Reasoning and problem solving

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

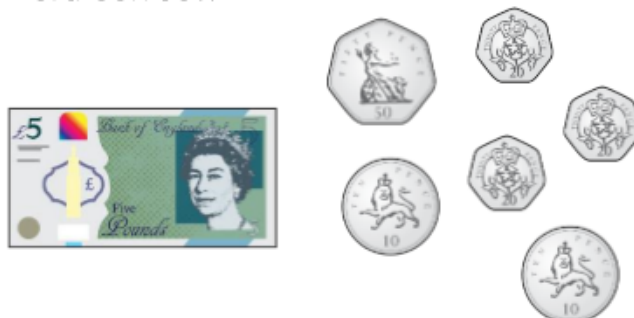1)

Dexter has 202 pence.

He has **one** pound coin.

Show five possible combinations of other coins he may have.

2)

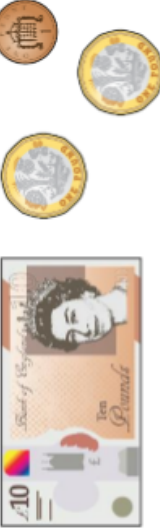Whitney thinks that she has £10 and 3p.
Is she correct?

Explain your answer.

3)

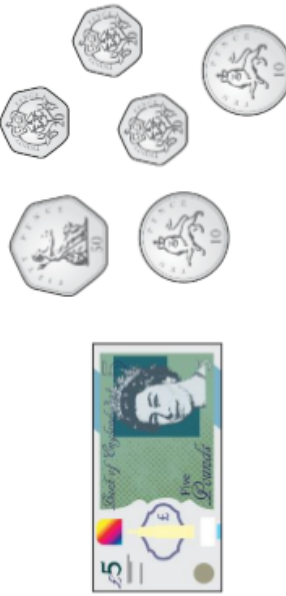Dora thinks there is more than £5 but less than £6
Is Dora correct?

Convince me.

Reasoning and Problem Solving

Dexter has 202 pence.

He has **one** pound coin.

Show five possible combinations of other coins he may have.

Children may work systematically and look at combinations of coins that make £1 to help them.

Whitney thinks that she has £10 and 3p.
Is she correct?

Explain your answer.

Whitney is wrong, she has £12 and 1p. Whitney has not considered the value of the coins she has.

Dora thinks there is more than £5 but less than £6
Is Dora correct?

Convince me.

Dora is incorrect. There is £6 and 30p.

This is greater than £6