Power Maths

White Rose Maths

White Rose Maths Edition

Year 2 Textbook 2B

Pearson

Series Editor: Tony Staneff

Year 2 Textbook 2B

White Rose Maths Edition

Sparks

Sparks is helpful.

He likes to help if you get stuck.

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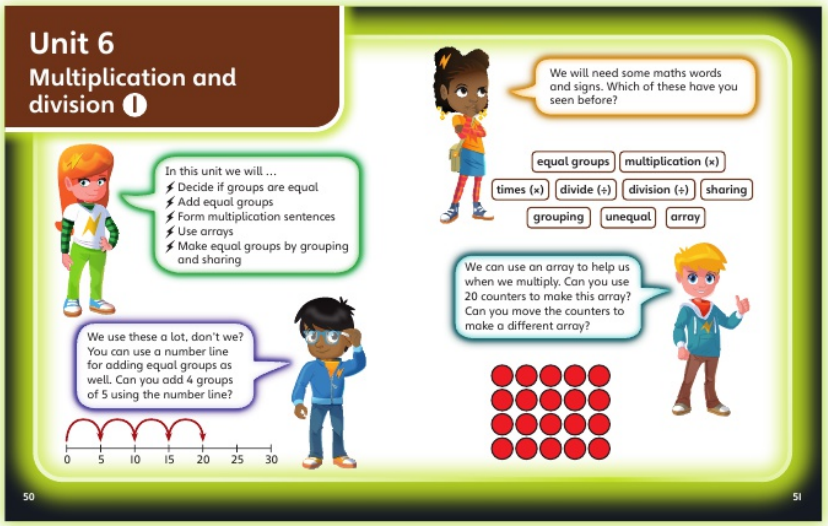
Pearson

Contents

How to use this book

Do you remember how to use Power Maths?

These pages help us get ready for a new unit.



Discover

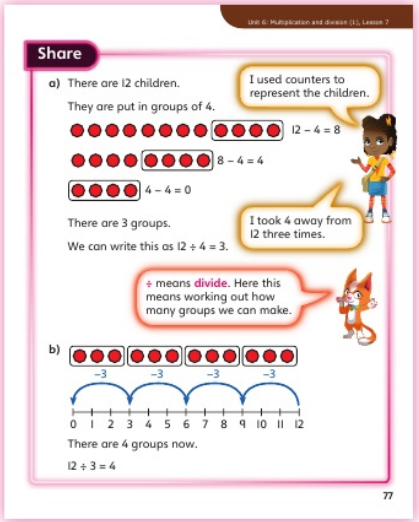
Lessons start with Discover.

Have fun exploring new maths problems.

Share

Next, we share what we found out.

Did we all solve the problems the same way?

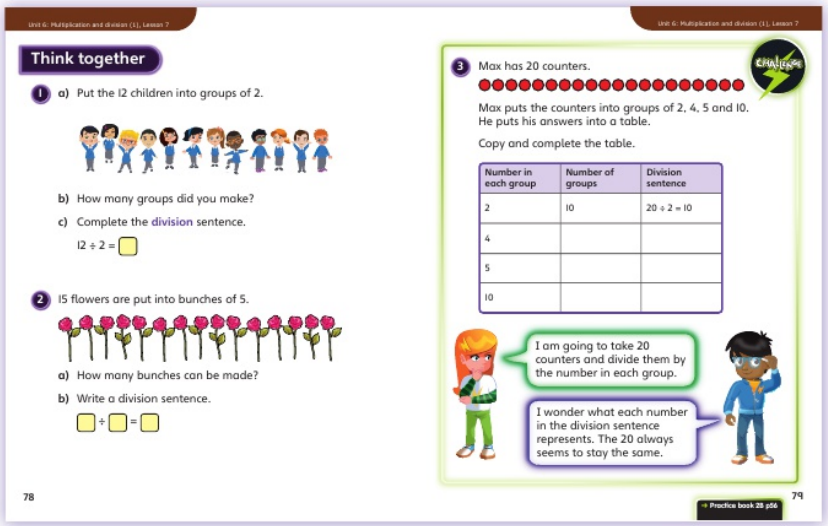


Think together

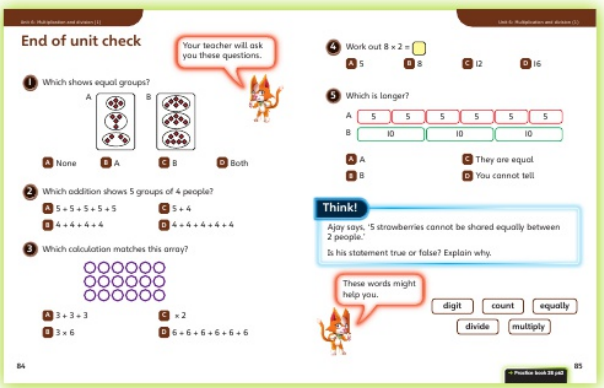
Then we have a go at some more problems together.

We will try a challenge too!

This tells you which page to go to in your Practice Book.



At the end of a unit we will show how much we can do!



Unit 5
Money

In this unit we will ...

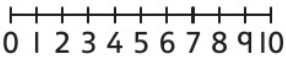
- Count coins and notes
- Compare different amounts of money
- Find different ways to make the same amount
- Work out the amount of change
- Solve two-step problems involving money

Do you remember these coins?

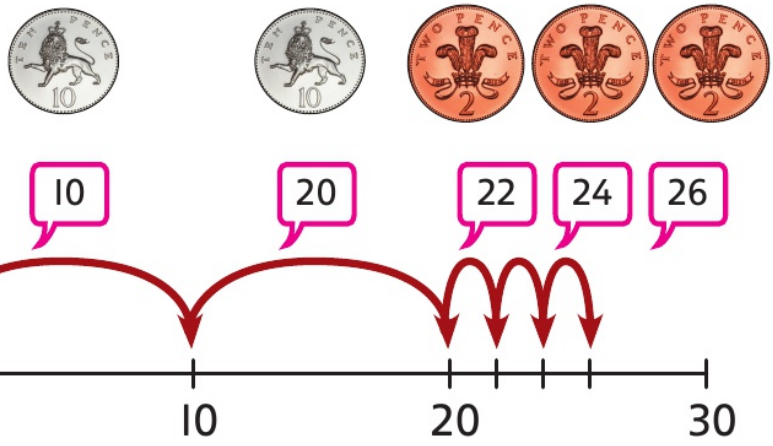
We will need some maths words and signs. Which have you met before?

pounds (£) **coins** **notes**

pence (p) **change**

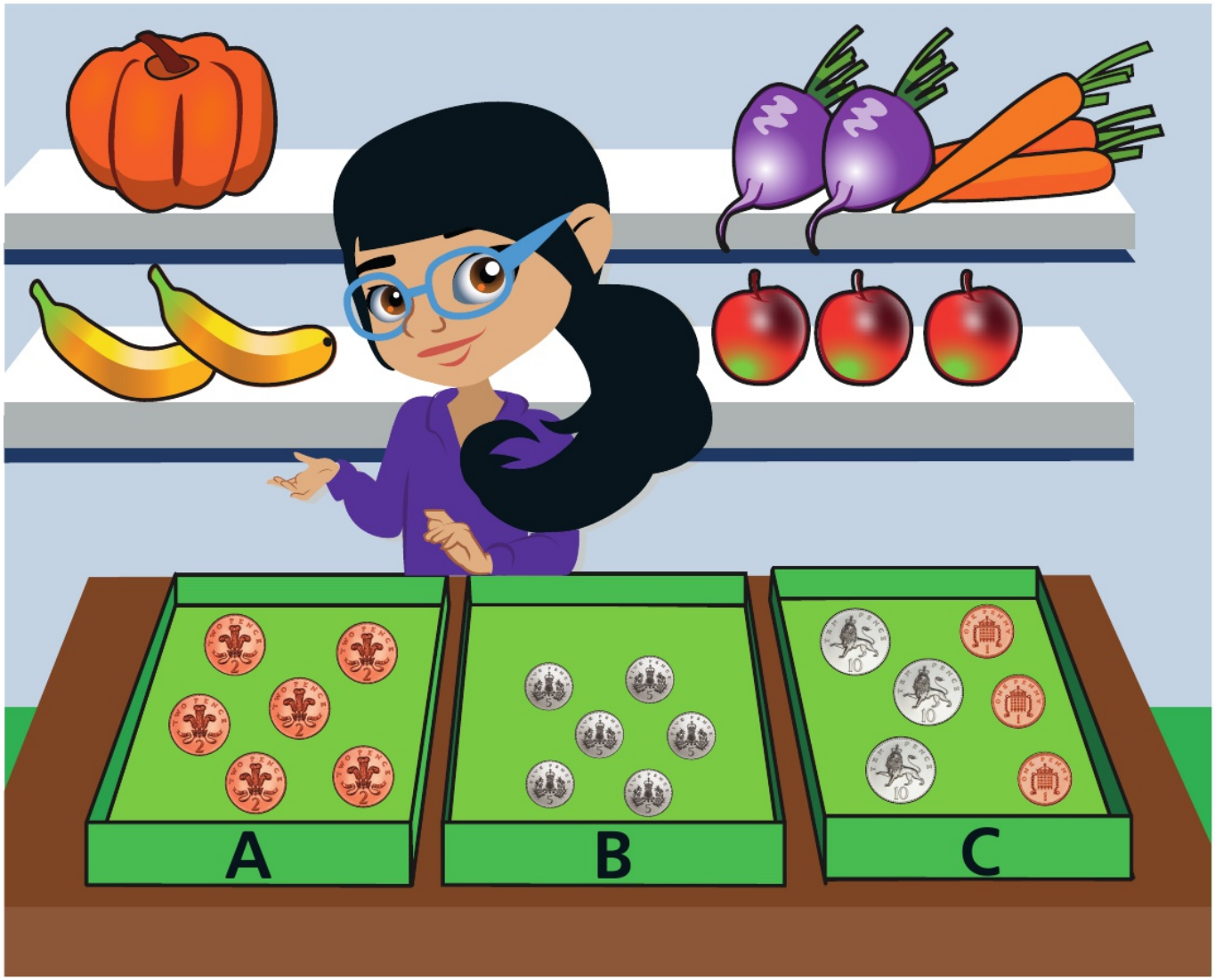
We can use 

to help us. How much money is there here?



Count money – pence

Discover



1 **a)** What is the value of each coin?

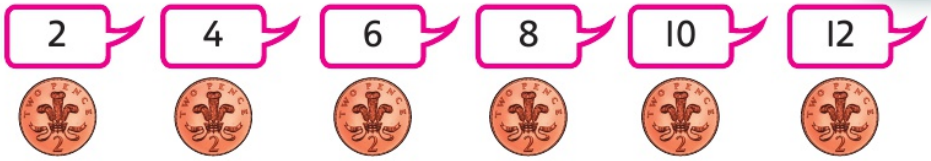
b) How much money is in each tray?

Key 1p 2p 5p 10p 20p 50p £1 £2

Share

a) There are 4 different coins.

b) **Tray A**



Tray A has 12p.

Tray B

Tray B has 30p.

Tray C

Tray C has 33p.

Think together

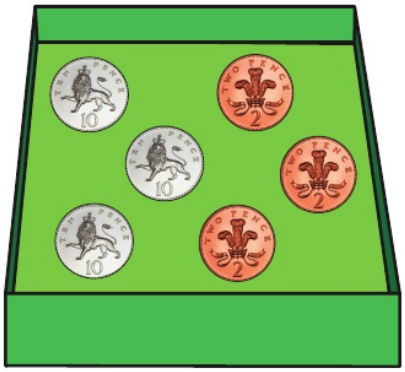
1 How much money is in each line?

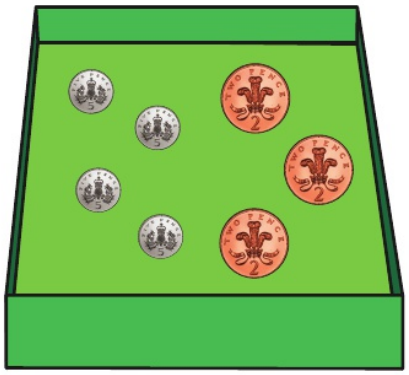
a) 

b) 

c) 

2 How much money is in each tray?

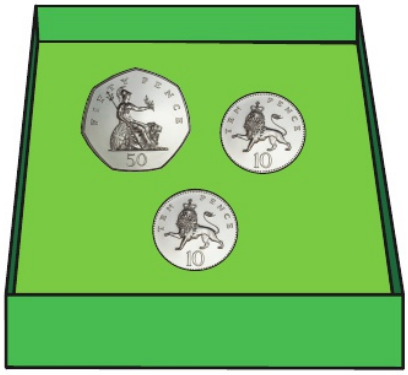
a) 

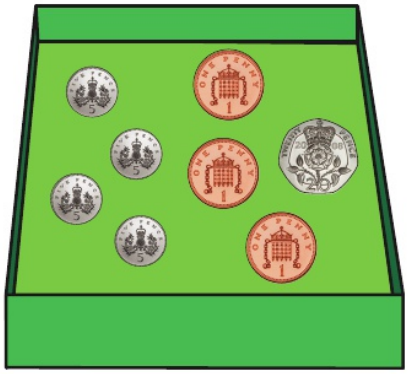
b) 

Key 1p 2p 5p 10p 20p 50p £1 £2

CHALLENGE

3 How can you count these amounts?





Two 10p coins are the same as one 20p.

I wonder if I should count the largest coin first.

 £5  £10  £20  £50

→ Practice book 2B p6

Count money – pounds (notes and coins)

Discover

1 **a)** What is each note worth?


b) How much money has Lia raised in total?

Key 1p 2p 5p 10p 20p 50p £1 £2

Share

a) This is a £5 note. It is worth the same as five £1 coins.

£ means '**pounds**'. You write £5 and £10, not 5£ or 10£.

This is a £10 note. It is worth the same as ten £1 coins.

b)

10 → 20 → 30 → 40 → 45

Lia has raised £45 in total.

I counted in 10s and 5s. I started with the greatest amount.

 £5  £10  £20  £50

Think together

1 How much money is there in each line?

a) 

b) 

c) 

2 How much money has each child raised?

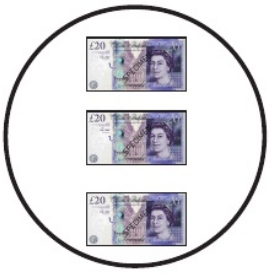
a) 

b) 

Key 1p 2p 5p 10p 20p 50p £1 £2

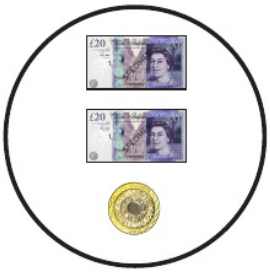
3 Match the money to the correct total.

CHALLENGE



£42

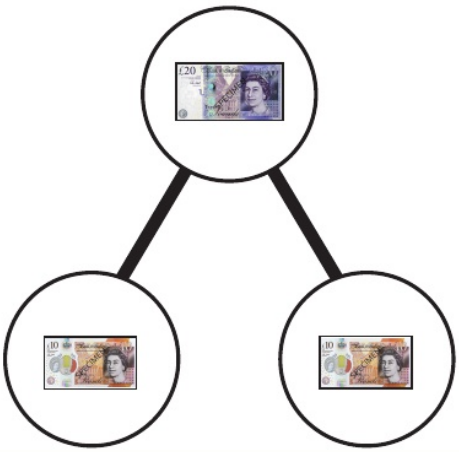
£60



£52

I don't know how to count in 20s! I can try subtracting £20 from the totals.

£20 is the same amount as two £10 notes.

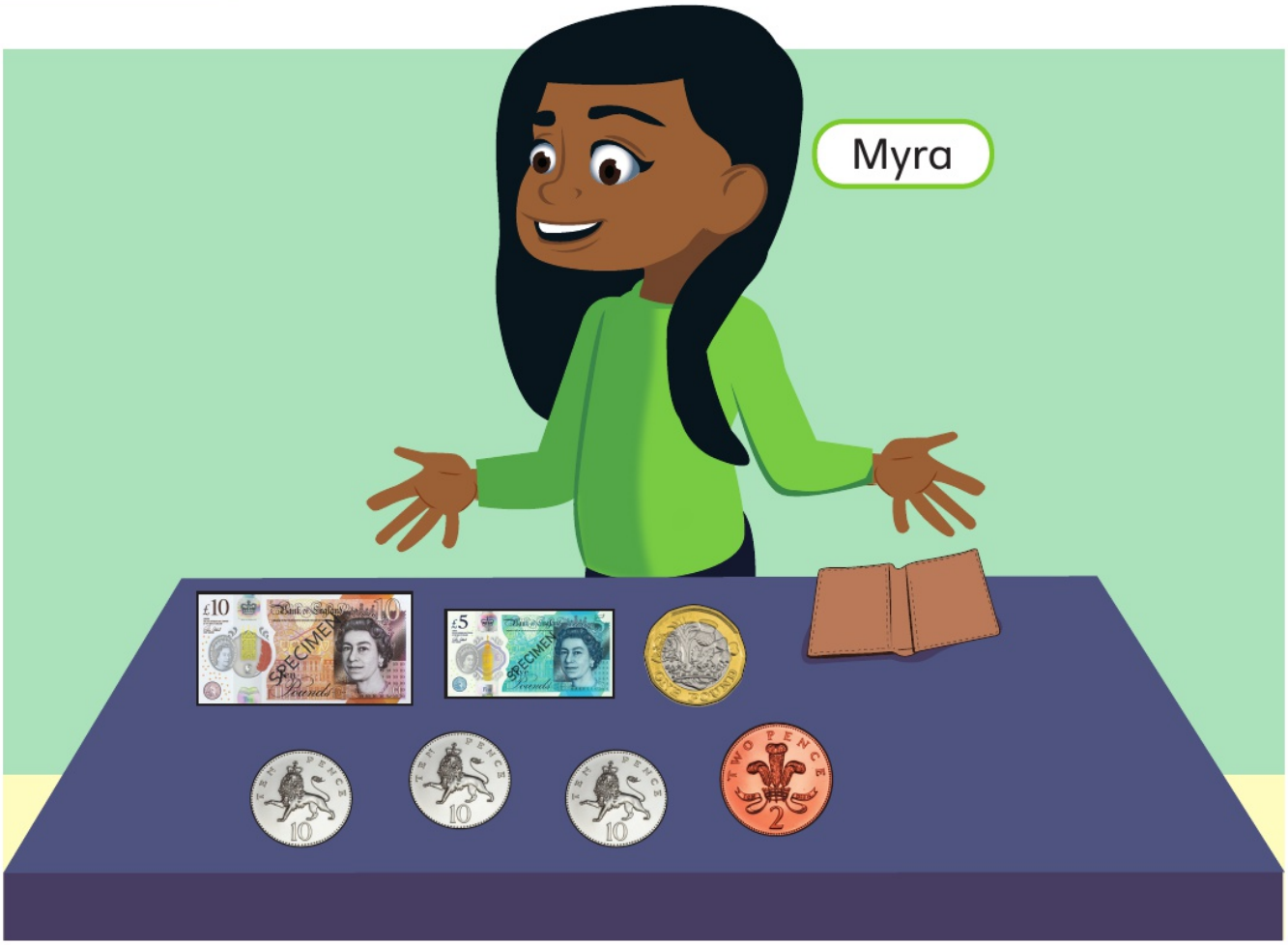


 £5  £10  £20  £50

→ Practice book 2B p9

Count money – pounds and pence

Discover



1 **a)** Sort the money into pounds and pence.

b) How much money has Myra saved in total?

Key 1p 2p 5p 10p 20p 50p £1 £2

Share

a)

pounds

pence

I know that all the notes are whole pounds. Some coins are pounds too.

b)

£10

£15

£16

There are £16 ...

10p

20p

30p

32p

... and 32p.

I counted all the pounds then all the pence.

Say the pounds and then the pence. This is £16 and 32p.

 £5  £10  £20  £50