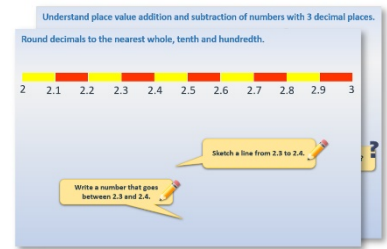


Week 11, Day 5

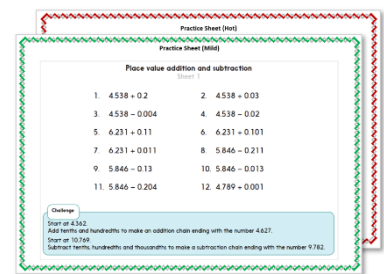
Find total prices

Each day covers one maths topic. It should take you about 1 hour or just a little more.

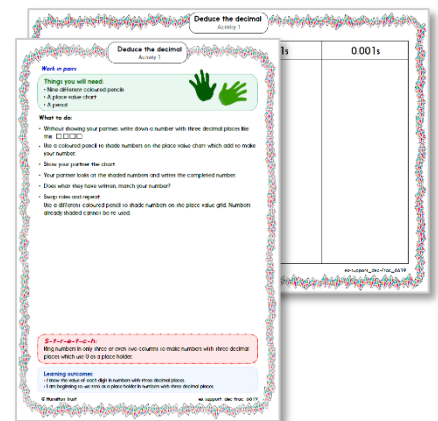
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



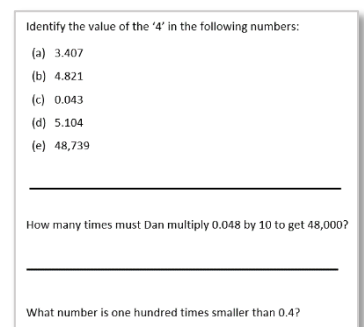
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



Learning Reminders

Add two amounts of money totalling less than £1.

Stationery prices

Item	Price
Pencil	24p
Pen	17p
Rubber	21p
Rubber	25p
Sharpener	19p
Stickers	13p
Pen	16p
Pen	11p
Notes	25p
Crayons	18p

How much would it cost in total to pay for these **two** items ?

Here's one way to make these amounts.



What is the total? **38p** ?

Learning Reminders

Add two amounts of money totalling less than £1.

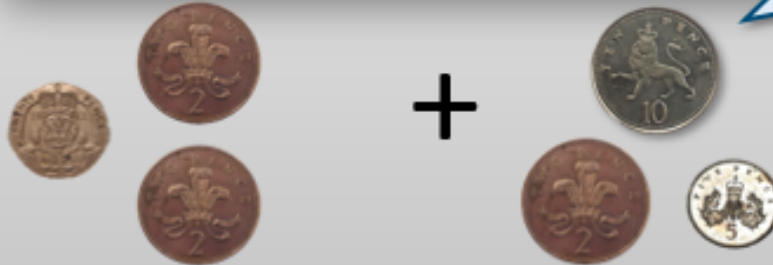
Stationery prices

Item	Price
Red pencil	24p
Blue pencil	17p
Red and blue eraser	21p
Red and blue eraser	25p
White eraser	19p
Pack of 4 stickers	13p
Black marker	16p
Blue pen	11p
Tiger sticker	25p
Pack of 6 markers	18p

How much would it cost in total to pay for these **two** items?

Here's one way to make these amounts.

What is the total?
41p ?



Learning Reminders

Find change.

What coins could you use to pay 41p?

I'm going to pay using a 50p coin.

I've given the shopkeeper too much money... how much change will I get?

How much must we count up to get to 50p?

This is your change!

9p

41p

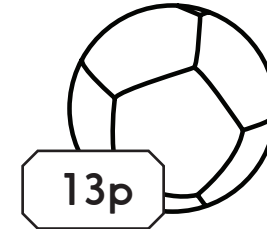
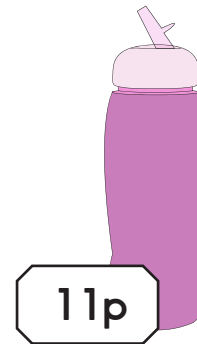
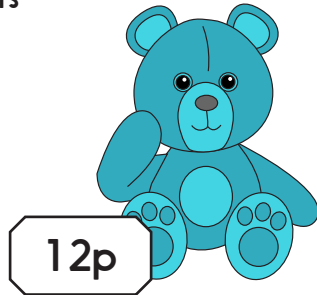
0 10p 20p 30p 40p 50p

Practice Sheet Mild

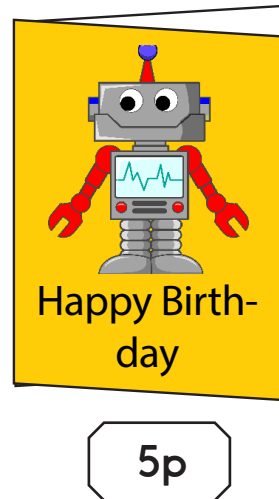
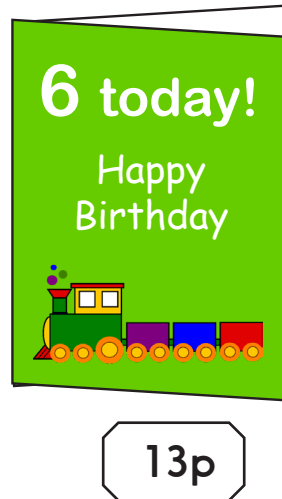
Buying a present and a card

It's your friend's party and you need to buy them a present and card.
Can you find 5 possible combinations that you could buy with a 20p coin?
Calculate your change for each. You can use coins to help if you wish.

Gifts

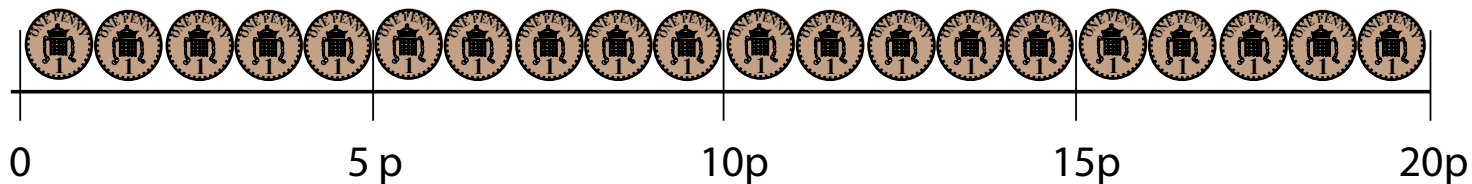
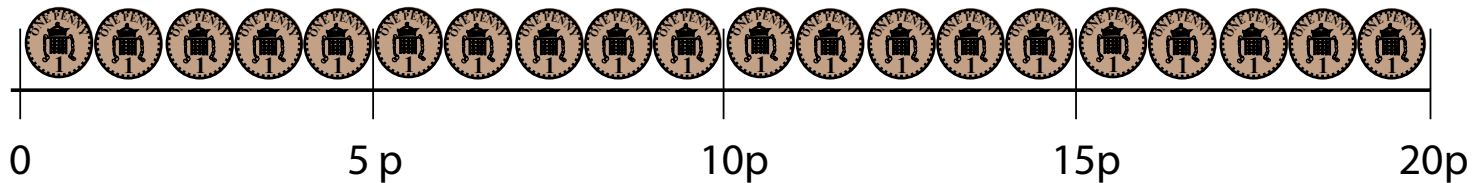
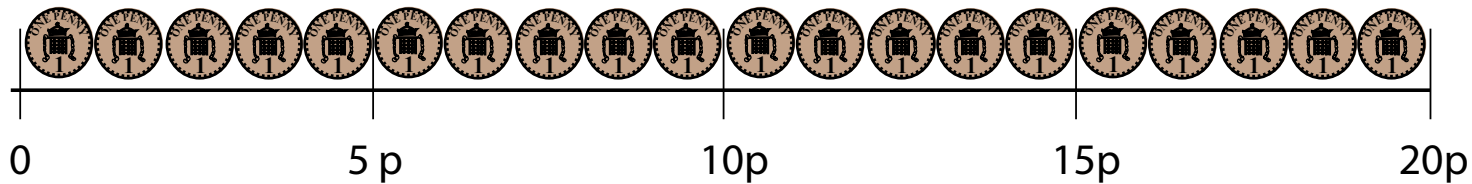
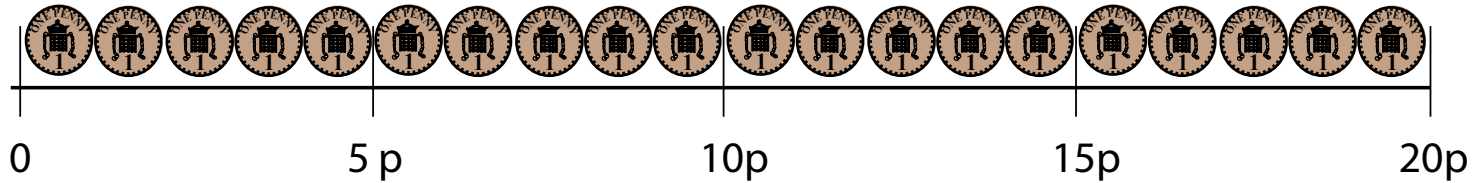
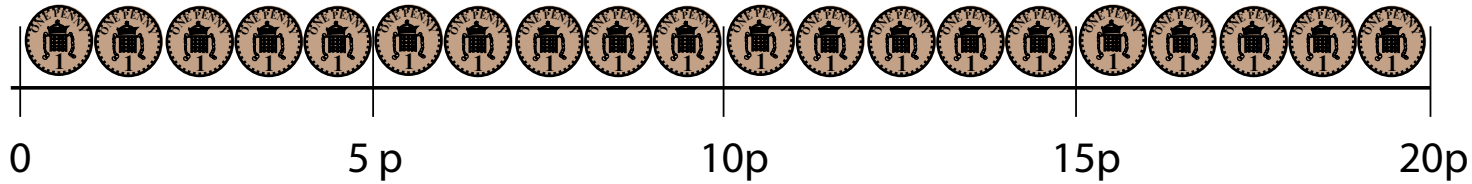


Birthday cards



Practice Sheet Mild

Buying a present and a card



Practice Sheet Hot

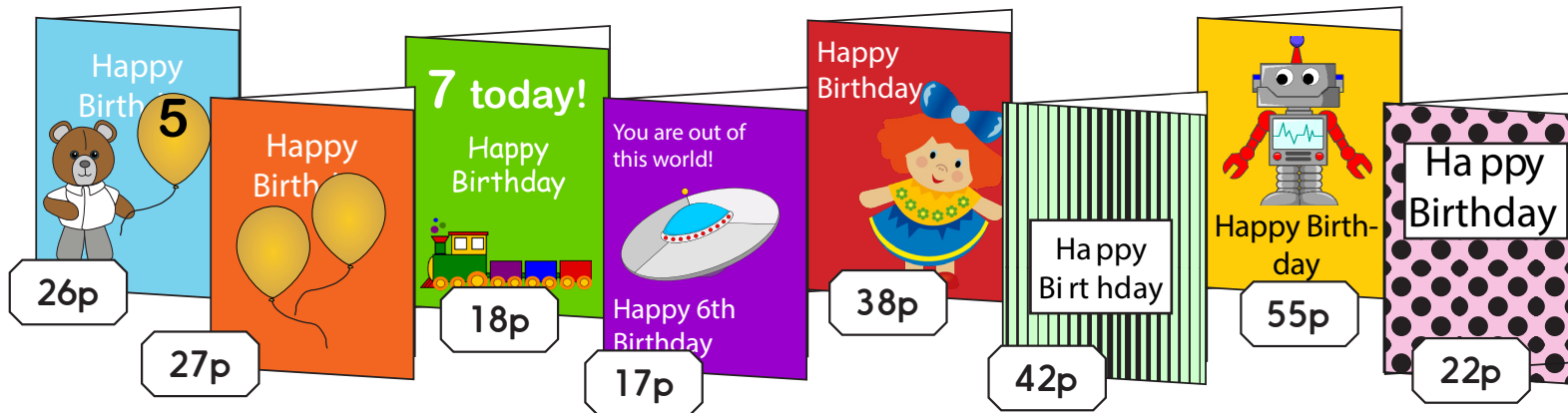
Buying a present and a card

It's your friend's party and you need to buy them a present and card.

Can you find 5 possible combinations that you could buy with a 50p coin? Calculate your change for each.



Birthday cards



Challenge

Now find 5 combinations that cost more than 50p and find your change from £1.

Practice Sheet Hot

Buying a present and a card



Practice Sheets Answers

Buying a present and a card (mild)

e.g. 20p could buy:

Soft toy 12p + blue card 6p

2p change

Book 4p + orange card 15p

1p change

Football 13p + yellow card 5p

2p change

Water bottle 11p + blue card 6p

3p change

Pencils and colouring book 5p + purple card 7p

8p change,

etc.

Buying a present and a card (hot)

e.g. 50p could buy:

Soft toy 29p + purple card 17p

4p change

Book 25p + spotty card 22p

3p change

Water bottle 21p + blue card 26p

3p change

Pencils and colouring book 27p + green card 18p

5p change

Book 25p + green card 18p

7p change,

etc.

Challenge

e.g. £1 could buy:

Lego-style box 47p + blue card 26p

27p change

Football 52p + spotty card 22p

26p change

T-shirt 32p + striped card 42p

26p change

Toy figure 46p + green card 18p

36p change

Soft toy 29p + yellow card 55p

16p change,

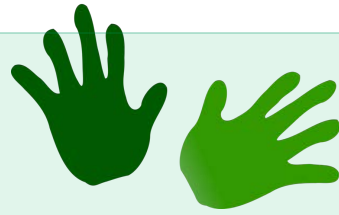
etc.

A Bit Stuck? Dinosaur day

Work in pairs

Things you will need:

- 1p, 2p, 5p and 10p coins
- Money lines
- A pencil



What to do:

- Take it in turns to be the shopkeeper and the customer.
- The customer chooses a sticker and gives the shopkeeper 20p.
- The shopkeeper uses the money line to find the change from 20p. The shopkeeper gives the change to the customer.
- Both people write the change by the sticker.



11p

Change p



15p

Change p



13p

Change p



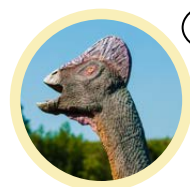
18p

Change p



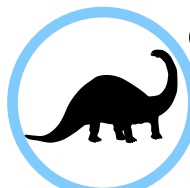
12p

Change p



16p

Change p



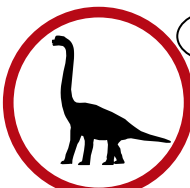
17p

Change p



14p

Change p



19p

Change p

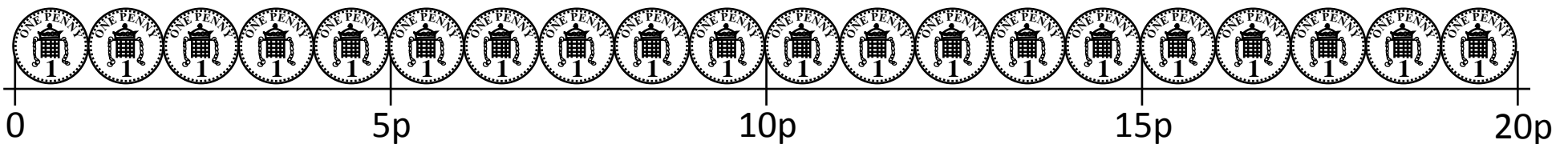
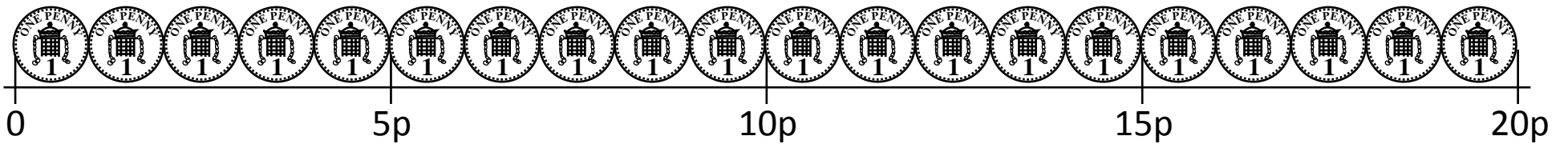
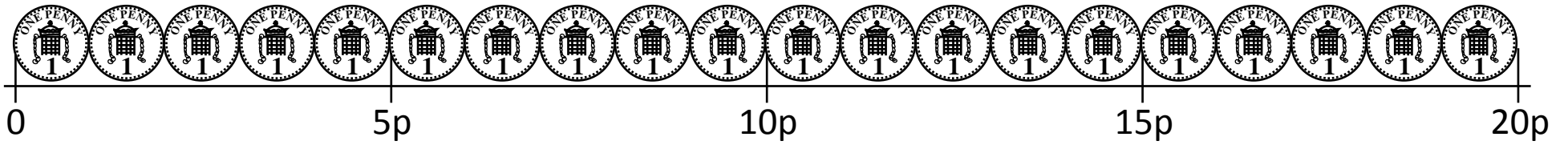
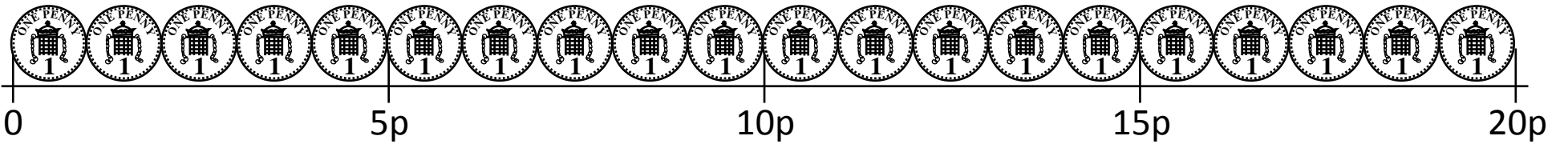
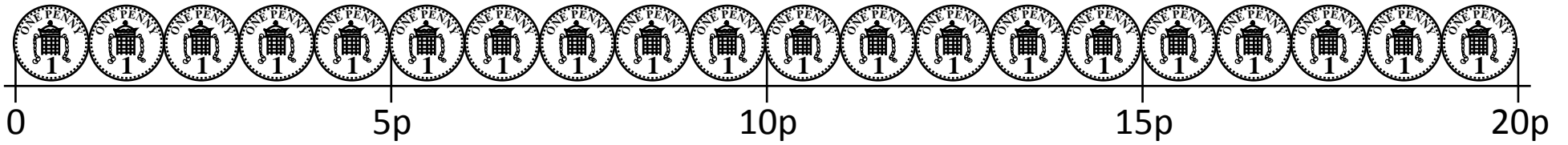
S-t-r-e-t-c-h:

Use other coins, not just pennies to give the change.

Learning outcomes:

- I can find the change from 20p using a money line.
- I am beginning to pay change using coins other than pennies.

A Bit Stuck? Dinosaur day



Check your understanding

Questions

Show how you can make 42p in four different ways.

Make 36p using four different coins.

Choose two of these prices and find the total.

34p 25p 13p

Jo buys one item for 21p and one item for 12p.

She pays with a 50p coin.

How much change does she get?

Check your understanding

Answers

Show how you can make 42p in four different ways. e.g.

20p, 20p, 2p (smallest number of coins).

20p, 10p, 10p, 2p.

10p, 10p, 10p, 10p, 2p.

20p, 20p, 1p, 1p.

20p, 10p, 10p, 1p, 1p. etc.

Several further combinations are possible using 5ps.

Make 36p using four different coins.

20p, 10p, 5p, 1p.

Choose two of these prices and find the total.

34p 25p 13p

Any one of these three:

$$34p + 25p = 59p$$

$$34p + 13p = 47p$$

$$25p + 13p = 38p$$

Jo buys one item for 21p and one item for 12p.

She pays with a 50p coin.

How much change does she get?

Jo gets 17p change.

An answer of 33p suggests child hasn't realised that this is a 2-step problem.