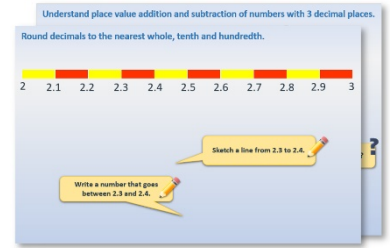


# Week 11, Day 5

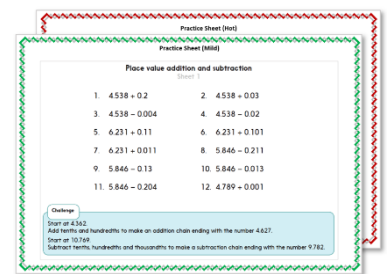
## Find total prices

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

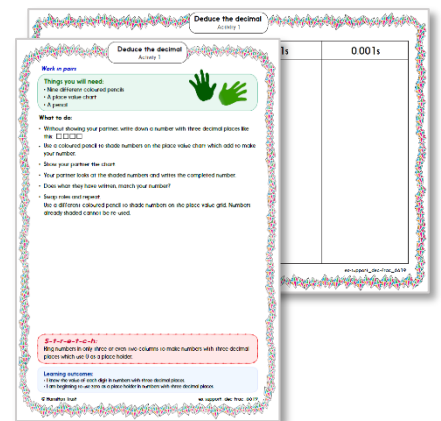
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



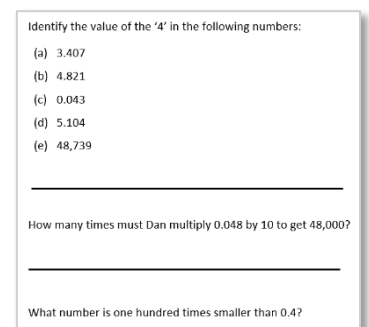
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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!



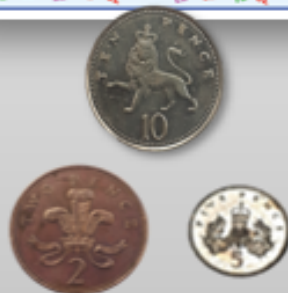
## Learning Reminders

Add two amounts of money totalling less than £1.

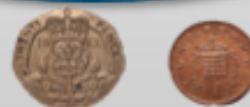


How much would it cost in total to pay for these **two** items ?

Here's one way to make these amounts.



+



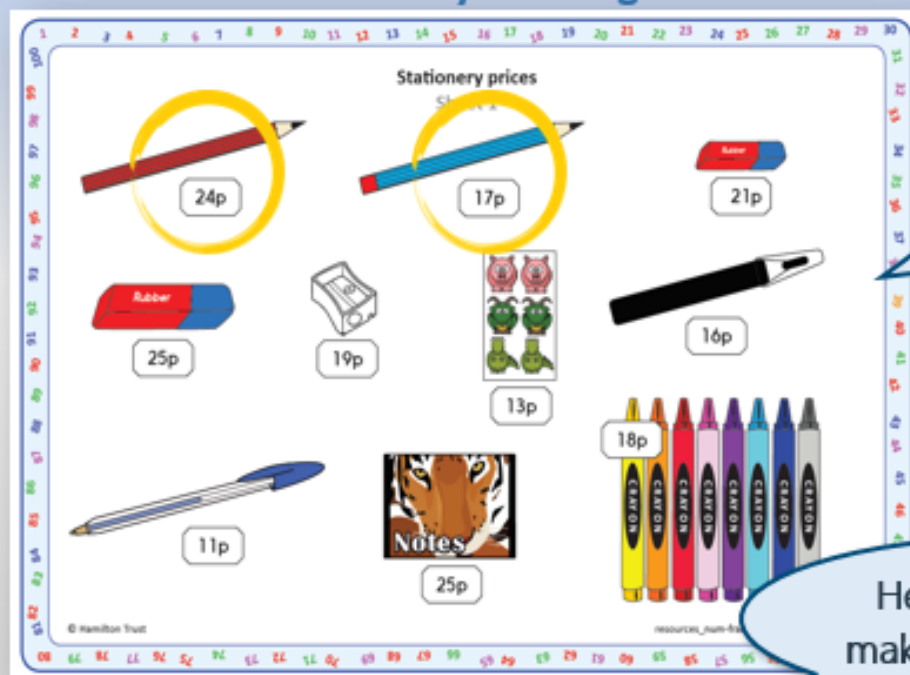
What is the total?

**38p**

?

## Learning Reminders

Add two amounts of money totalling less than £1.



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

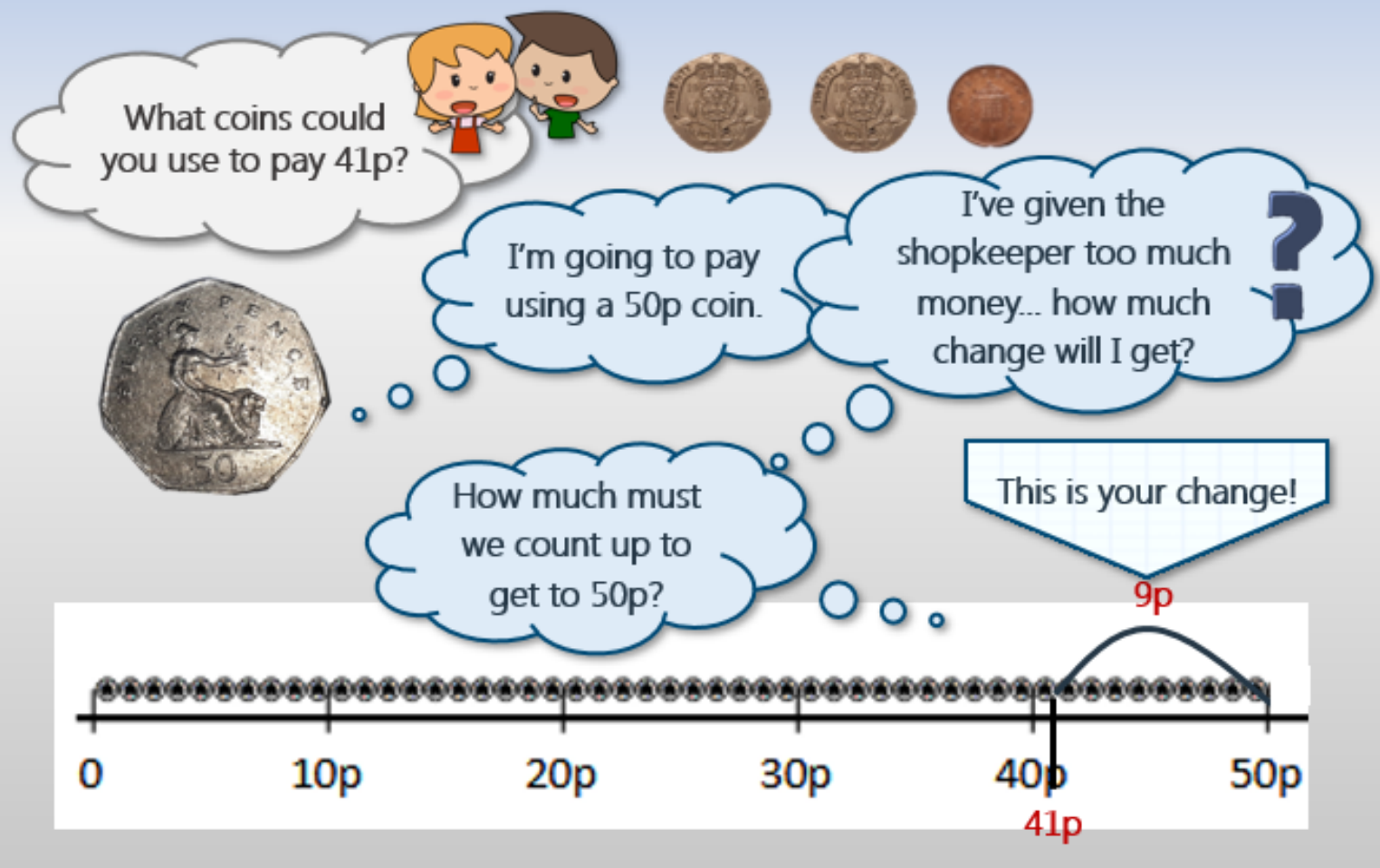
Here's one way to make these amounts.

What is the total?  
**41p**



## Learning Reminders

Find change.

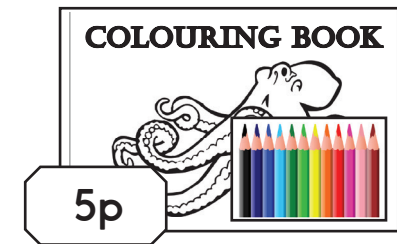
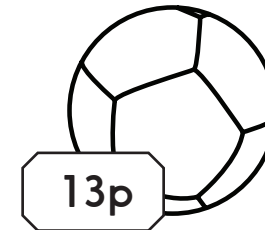
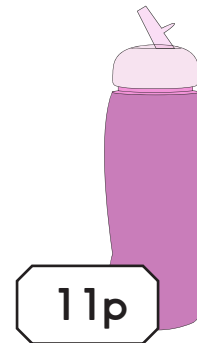
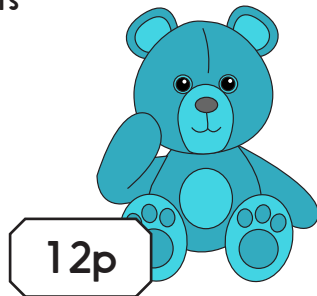


## Practice Sheet Mild

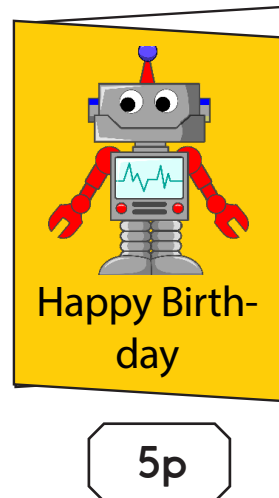
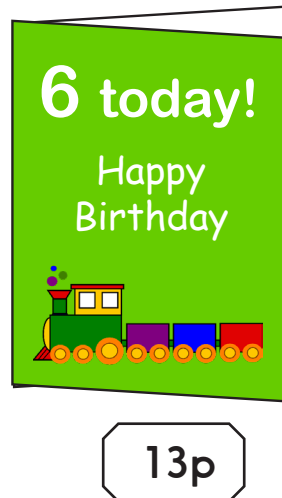
### Buying a present and a card

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

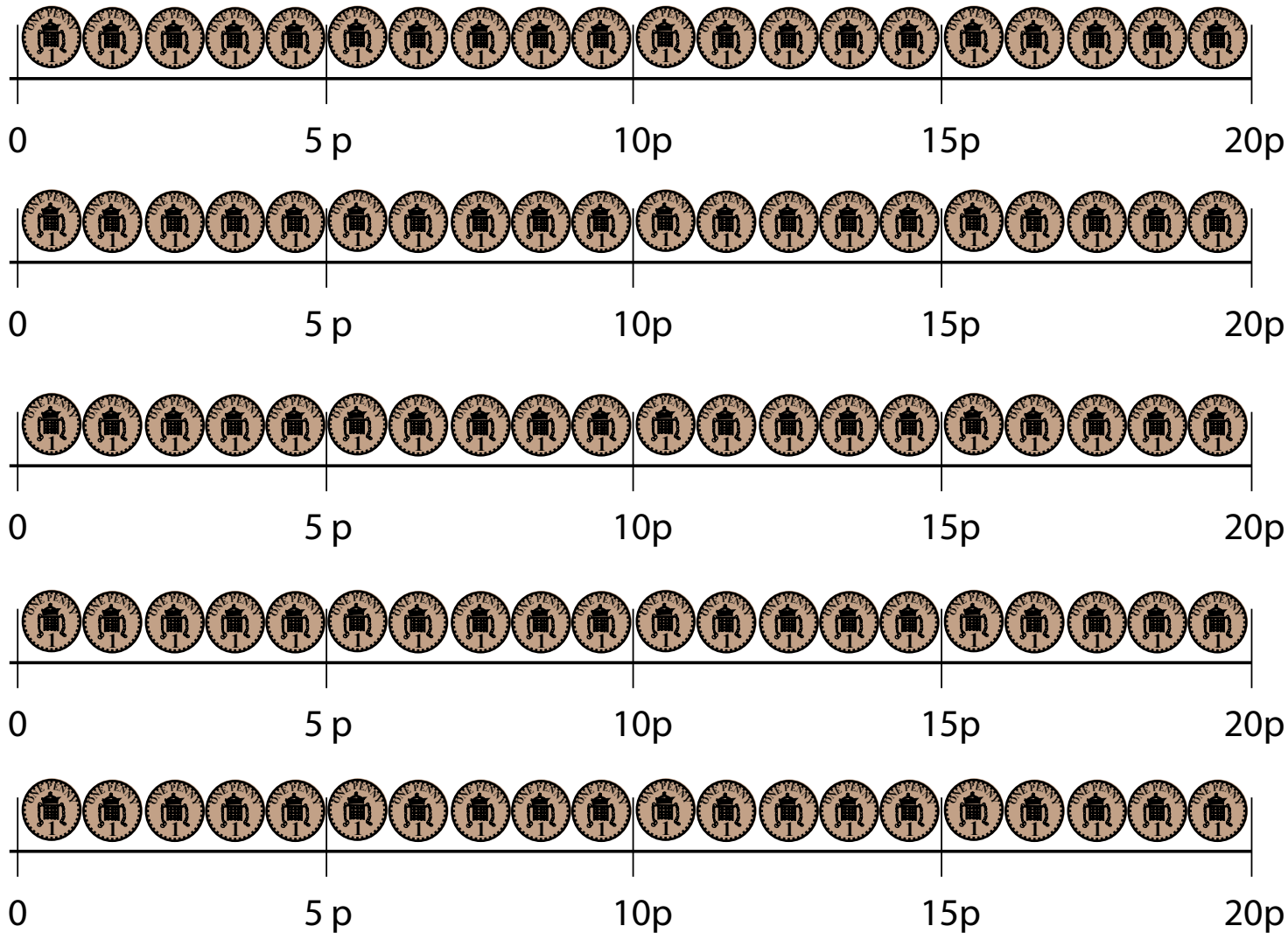


#### Birthday cards



## Practice Sheet Mild

### Buying a present and a card



## Practice Sheet Hot

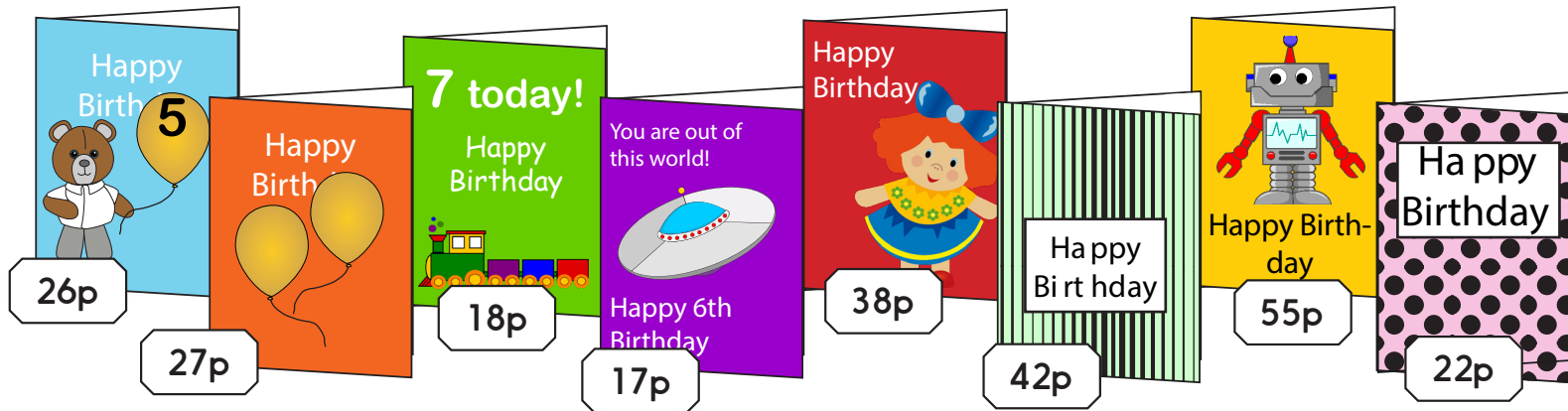
### Buying a present and a card

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

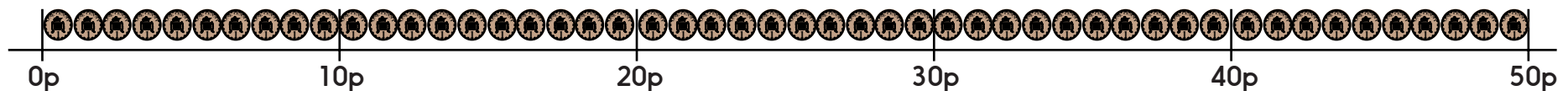


#### Challenge

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*

*Book 4p + orange card 15p*

*Football 13p + yellow card 5p*

*Water bottle 11p + blue card 6p*

*Pencils and colouring book 5p + purple card 7p*

*etc.*

*2p change*

*1p change*

*2p change*

*3p change*

*8p change,*

### Buying a present and a card (hot)

e.g. 50p could buy:

*Soft toy 29p + purple card 17p*

*Book 25p + spotty card 22p*

*Water bottle 21p + blue card 26p*

*Pencils and colouring book 27p + green card 18p*

*Book 25p + green card 18p*

*etc.*

*4p change*

*3p change*

*3p change*

*5p change*

*7p change,*

### Challenge

e.g. £1 could buy:

*Lego-style box 47p + blue card 26p*

*Football 52p + spotty card 22p*

*T-shirt 32p + striped card 42p*

*Toy figure 46p + green card 18p*

*Soft toy 29p + yellow card 55p*

*etc.*

*27p change*

*26p change*

*26p change*

*36p change*

*16p change,*

## 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



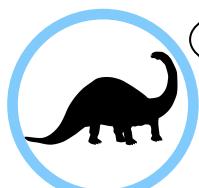
12p

Change  p



16p

Change  p



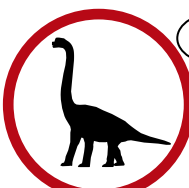
17p

Change  p



14p

Change  p



19p

Change  p

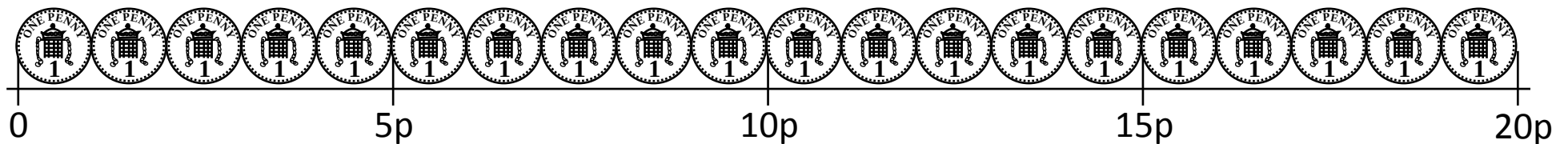
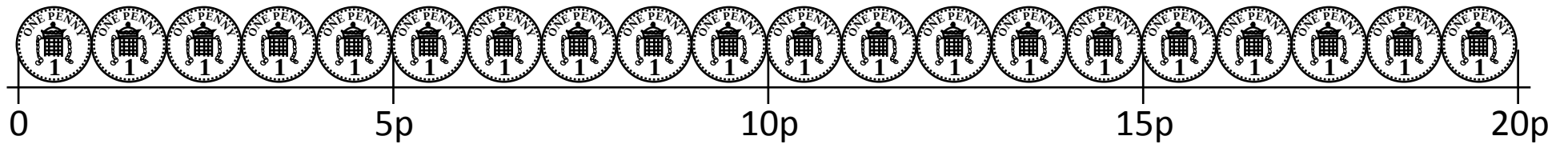
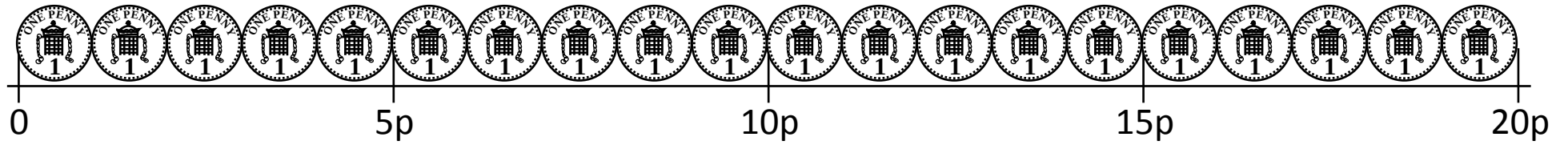
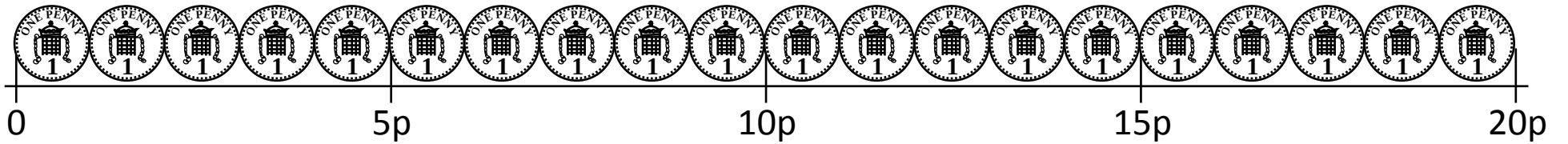
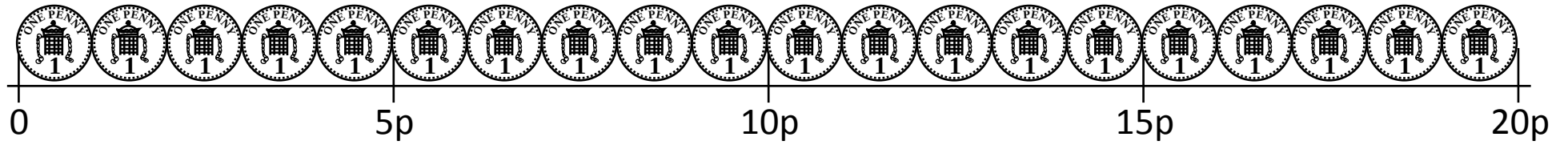
#### **S-t-r-e-t-c-h:**

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.