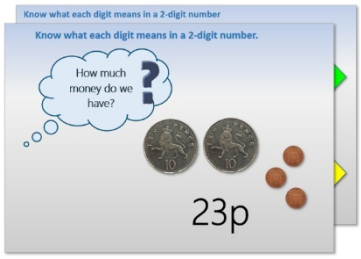
Year 1: Week 1, Day 4

Finding change when shopping

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.



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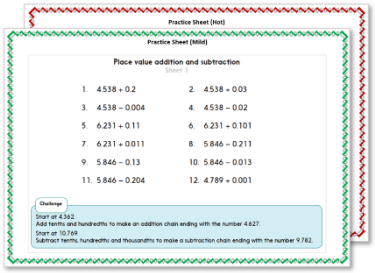
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



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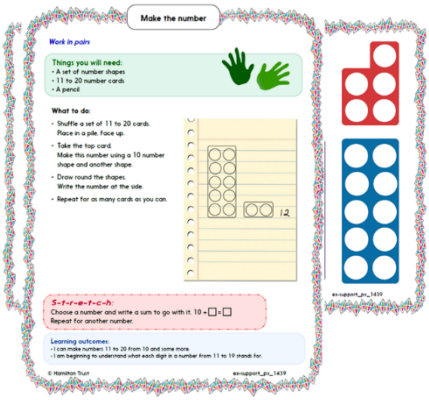
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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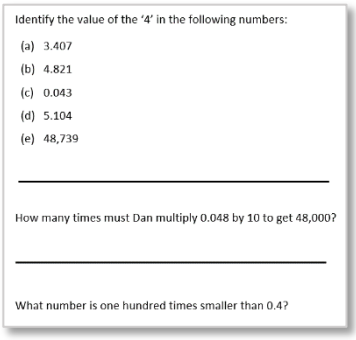
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!

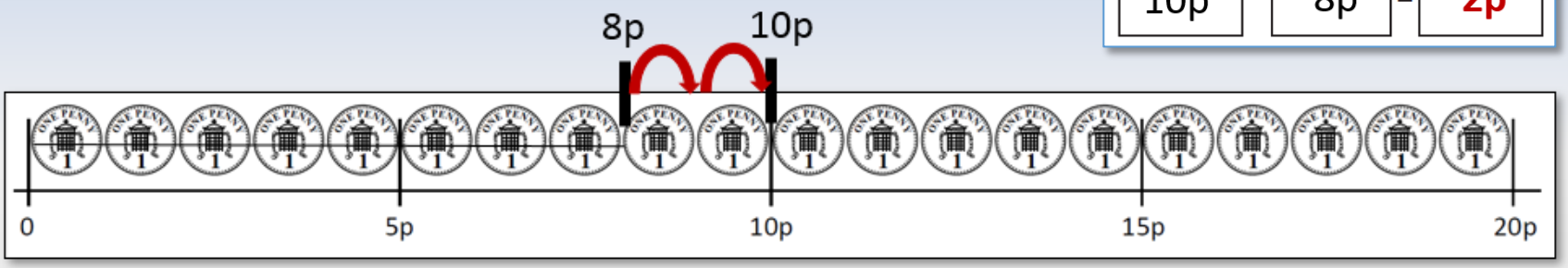


Learning Reminders

Learning Reminders

Finding change when shopping.

10p	-	8p	=	2p



Step 1
The cost is 8p.
Cross out the pennies spent.

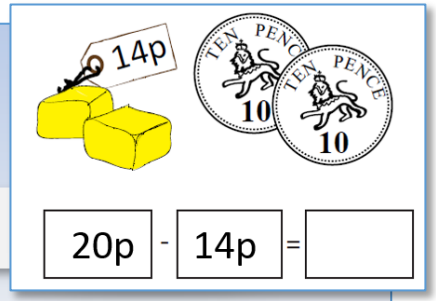
Step 2
The amount paid is 10p.
Mark it on the number line.

Step 3
Count up in 1s from 8p to 10p to find the difference.

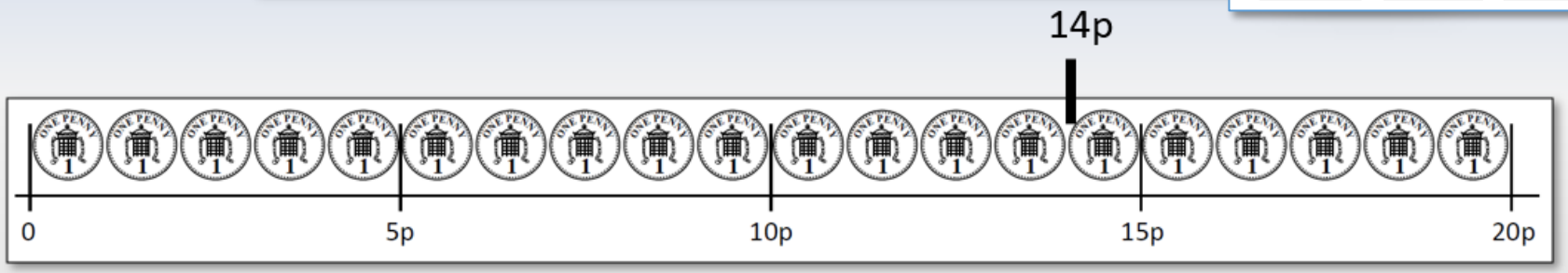
You need
2p change

Learning Reminders

Finding change when shopping.



What if you spend 14p and pay with 20p?



Step 1
The cost is 14p.
Cross out the pennies spent.

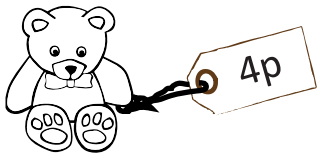
Step 2
The amount paid is 20p.
Mark it on the number line.

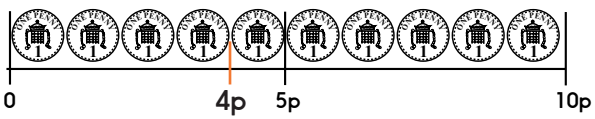
Step 3
Count up in 1s from 14p to 20p to find the difference.

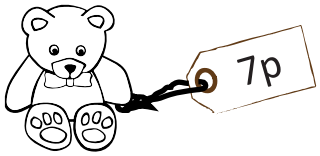
You need
___p change

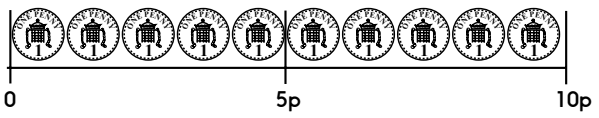
Practice Sheet Mild

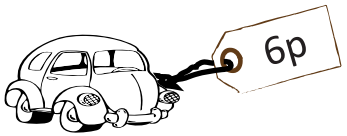
Count up to find change from 10p

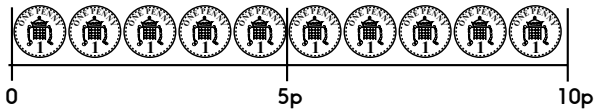


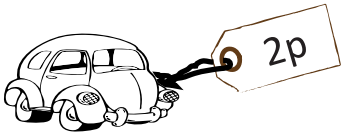


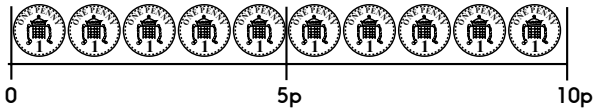


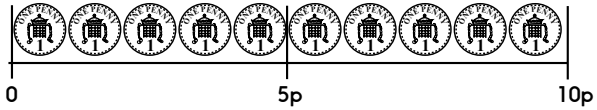


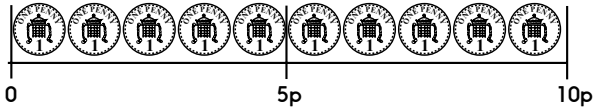


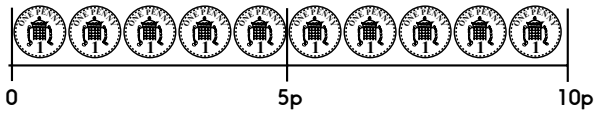


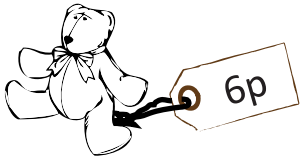


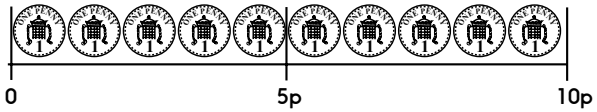






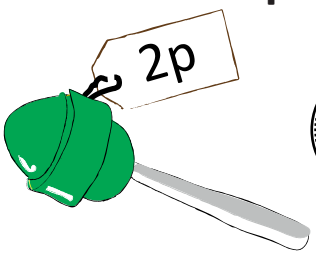






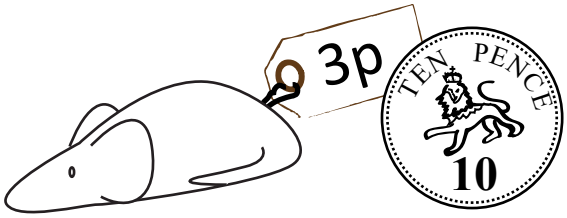
Practice Sheet Hot

Count up to find change from different amounts



5p - 2p = ☐

☐ - ☐ = ☐



☐ - ☐ = ☐

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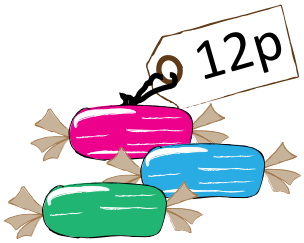
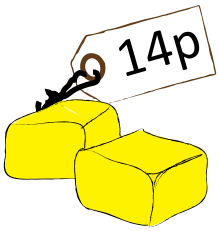
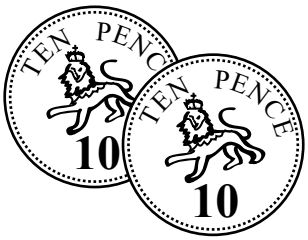


☐ - ☐ = ☐





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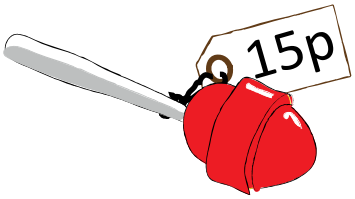
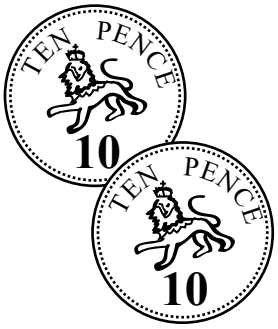
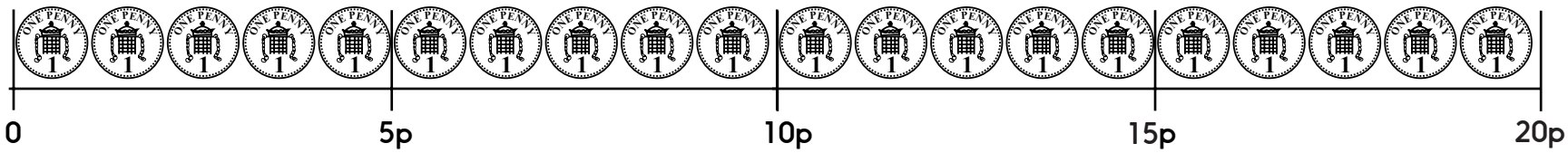




☐ - ☐ = ☐

Practice Sheet Resource

0 to 20p money line



Practice Sheet Answers

Count up to find change from 10p (mild)

10p - 4p = **6p**
10p - 6p = **4p**
10p - 5p = **5p**
10p - 9p = **1p**

10p - 7p = **3p**
10p - 2p = **8p**
10p - 8p = **2p**
10p - 6p = **4p**

Count up to find change from different amounts (hot)

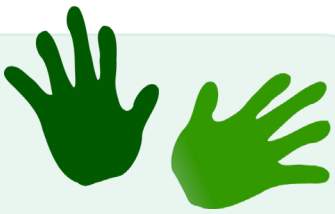
5p - 2p = **3p**
10p - 3p = **7p**
20p - 7p = **13p**
20p - 14p = **6p**

10p - 8p = **2p**
20p - 17p = **3p**
20p - 12p = **8p**
20p - 15p = **5p**

A Bit Stuck!
Dino stickers

Work in pairs

Things you will need:
- 1p 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 10p.
- The shopkeeper uses the money line to find the change from 10p.
  The shopkeeper gives the change to the customer.
- Both people write the change by the sticker.


1p

Change ☐p


5p

Change ☐p


3p

Change ☐p


8p

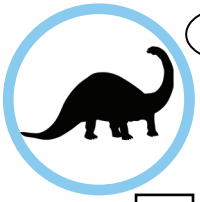
Change ☐p


2p

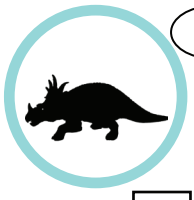
Change ☐p


6p

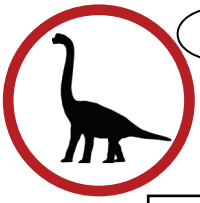
Change ☐p


7p

Change ☐p


4p

Change ☐p

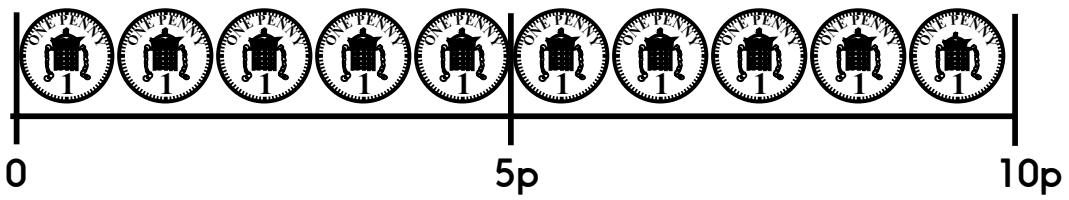

9p

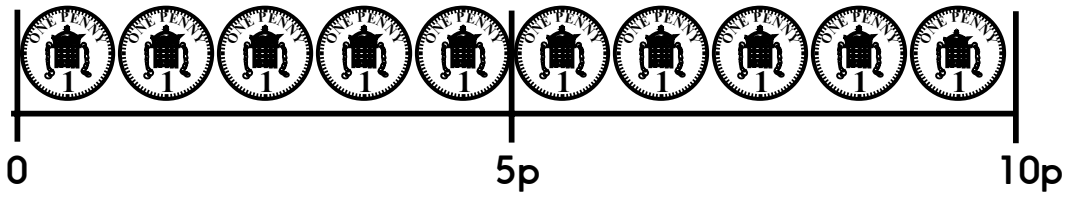
Change ☐p

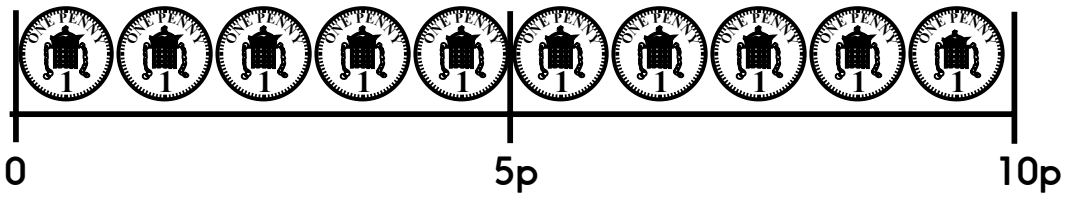
S-t-r-e-t-c-h:
Use your knowledge of pairs to 10 to help find the change.

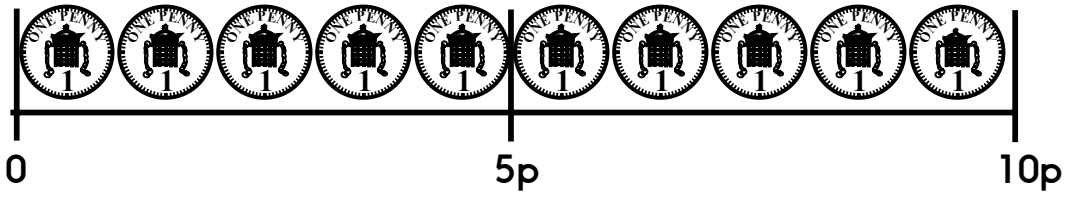
Learning outcomes:
- I can find the change from 10p using a money line.
- I am beginning to use pairs to 10 to find change from 10p.

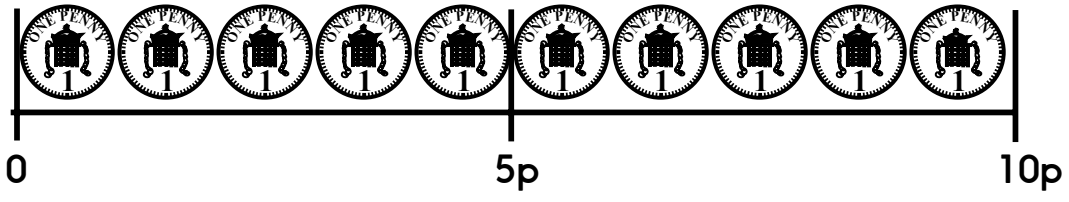
A Bit Stuck!
Dino stickers

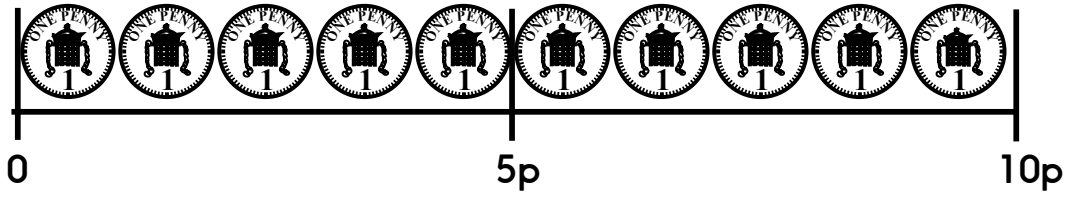






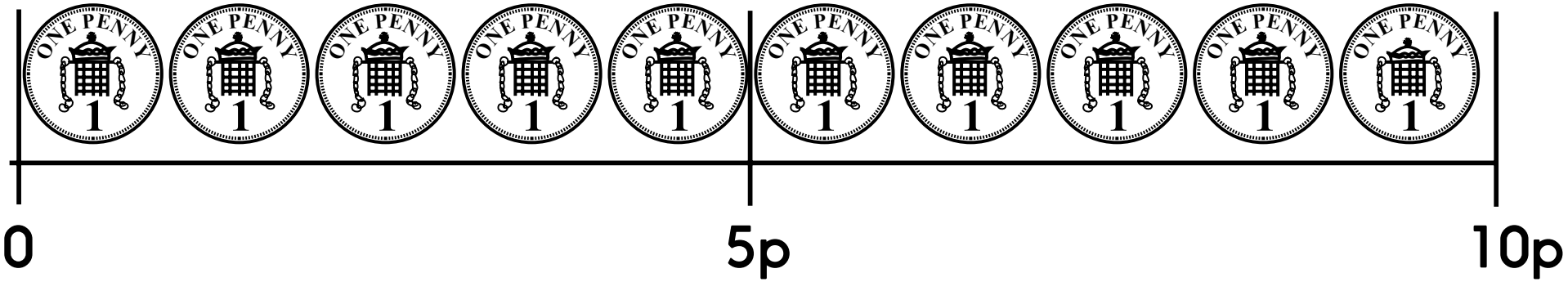






A Bit Stuck!

Dino stickers



Check your understanding

Questions

Write the change from 10p when buying…

(i) 6p biscuit

(ii) 4p cracker

(iii) 9p drink

True or false

- You always get change if you pay for something with a 10p coin.
- You can buy two 4p sweets and still have change from 10p.
- You may not use a 20p coin to buy something that costs 11p.

What does a pen cost if I get 5p change when paying for it using a 10p coin?

Check your understanding

Answers

Write the change from 10p when buying…

(i) 6p biscuit 4p

(ii) 4p cracker 6p

(iii) 9p drink 1p Are children applying knowledge of number bonds to 10?

True or false

- You always get change if you pay for something with a 10p coin. False – if it costs 10p there is no change!
- You can buy two 4p sweets and still have change from 10p. True, two 4p sweets costs 8p so there should be 2p change.
- You may not use a 20p coin to buy something that costs 11p. False, 20p is more than 11p so it is fine to use it.

What does a pen cost if I get 5p change when paying for it using a 10p coin? 5p, since 10p – 5p = 5p