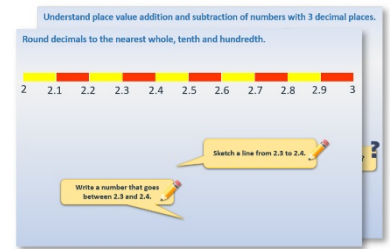


Week 6, Day 3

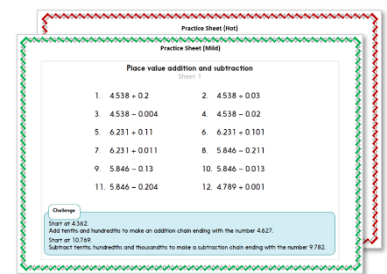
Change from 20p

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

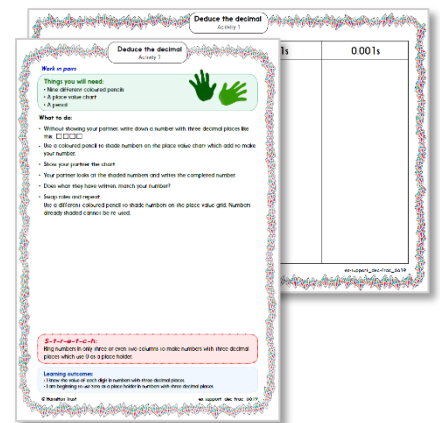
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



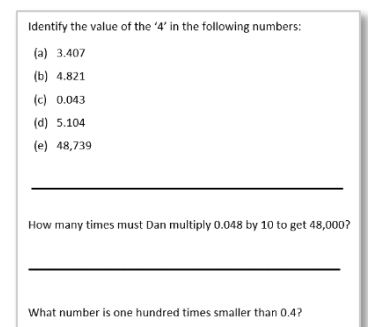
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

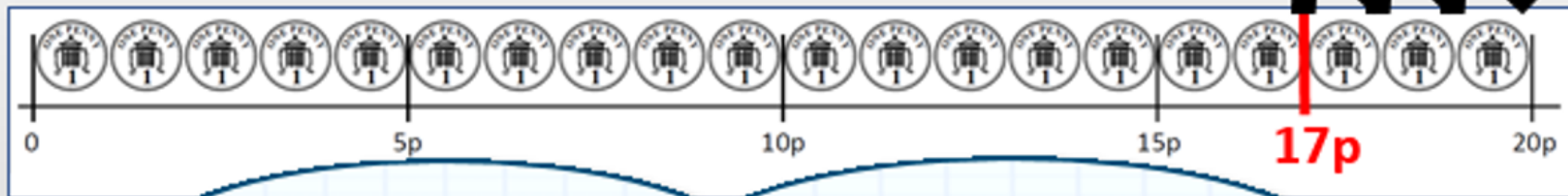
Find change by counting up.



I'm going to buy this rubber.
It costs **17p**.



I'm going to pay with this **20p coin**. Let's find out how much **change** I should get.



Mark **17p** on the penny line...

Then count up to **20p** to find the change...

How many hops did I need to reach **20p**?

That's **3p** change!



Is there another way to make **3p**?

A **2p** and a **1p**.



Learning Reminders

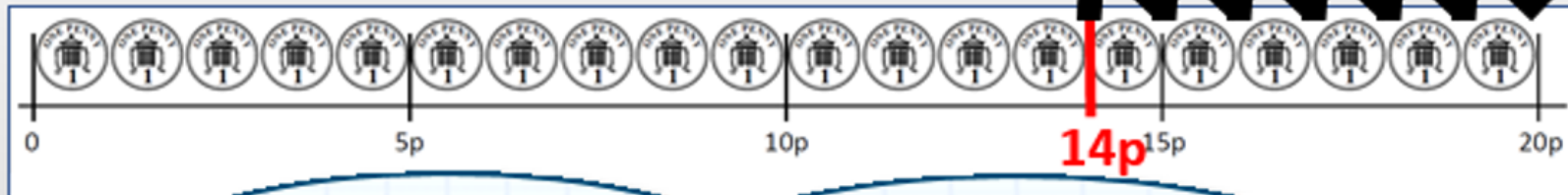
Find change by counting up.



I'm going to buy this sweet. It costs **14p**.



I'm going to pay with this **20p coin**. Let's find out how much **change** I should get.



Mark **14p** on the penny line...

Then count up to **20p** to find the change...

How many hops did I need to reach **20p**?

That's **6p** change!

Is there another way to make **6p**?

A **5p** and a **1p**.

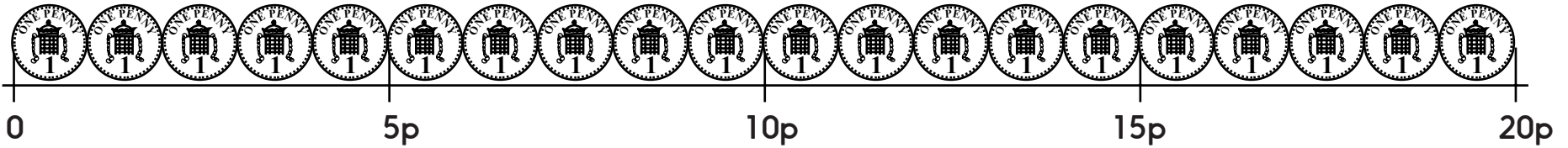
Three **2ps**.







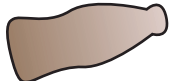




Practice Sheet Mild

Change from 20p

Find the change from 20p and draw the change.

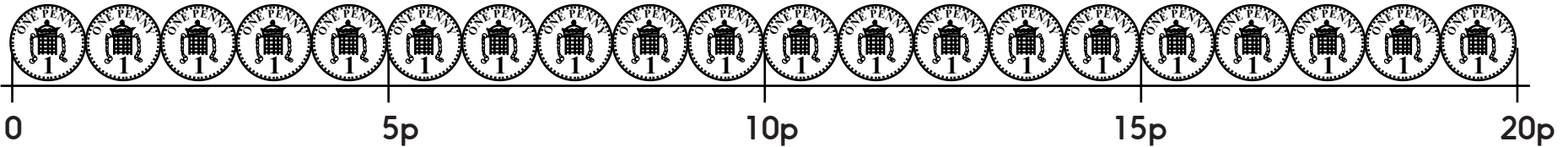


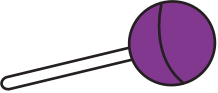




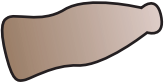
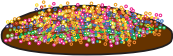


 15p	$20p - 15p =$ <input type="text"/>	
 18p	$20p - 18p =$ <input type="text"/>	
 12p	$20p - 12p =$ <input type="text"/>	
 14p	$20p - 14p =$ <input type="text"/>	
 10p	$20p - 10p =$ <input type="text"/>	
 9p	$20p - 9p =$ <input type="text"/>	
 7p	$20p - 7p =$ <input type="text"/>	
 11p	$20p - 11p =$ <input type="text"/>	

Practice Sheet Hot

Change from 20p

Find the change from 20p and draw two ways to make the change.



	12p	$20p - 12p =$ <input type="text"/>		
	14p	$20p - 14p =$		
	17p			
	11p			
	5p			
	10p			
	13p			
	8p			

Practice Sheets Answers

Change from 20p (mild)

$$20\text{p} - 15\text{p} = 5\text{p}$$

$$20\text{p} - 18\text{p} = 2\text{p}$$

$$20\text{p} - 12\text{p} = 8\text{p}$$

$$20\text{p} - 14\text{p} = 6\text{p}$$

$$20\text{p} - 10\text{p} = 10\text{p}$$

$$20\text{p} - 9\text{p} = 11\text{p}$$

$$20\text{p} - 7\text{p} = 13\text{p}$$

$$20\text{p} - 11\text{p} = 9\text{p}$$

Change from 20p (hot)

$$20\text{p} - 12\text{p} = 8\text{p}$$

$$20\text{p} - 14\text{p} = 6\text{p}$$

$$20\text{p} - 17\text{p} = 3\text{p}$$

$$20\text{p} - 11\text{p} = 9\text{p}$$

$$20\text{p} - 5\text{p} = 15\text{p}$$

$$20\text{p} - 10\text{p} = 10\text{p}$$

$$20\text{p} - 13\text{p} = 7\text{p}$$

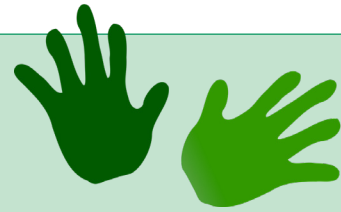
$$20\text{p} - 8\text{p} = 12\text{p}$$

A Bit Stuck? Mystery sums

Work in pairs

Things you will need:

- Ten pennies
- Mystery sums
- A pencil



What to do:

- Choose a mystery sum.
- Show the first number in the sum with a line of pennies.
- How many more pennies are needed to make 10p?
So, what is the mystery number? Write it in the box.
- Complete as many mystery sums as you can.

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

Take it in turns to choose a mystery sum. Guess what number needs to go in the box. Your partner checks with some pennies. How many can you guess correctly?

Learning outcomes:

- I can find how many more are needed to make 10.
- I am beginning to know some pairs to 10 by heart.

A Bit Stuck?
Mystery sums

$$9 + \square = 10$$

$$7 + \square = 10$$

$$4 + \square = 10$$

$$5 + \square = 10$$

$$8 + \square = 10$$

$$10 + \square = 10$$

$$6 + \square = 10$$

$$1 + \square = 10$$

$$3 + \square = 10$$

$$2 + \square = 10$$

Check your understanding

Questions

Write the change from 20p when buying:

- (i) 16p biscuit
 - (ii) 14p cracker
 - (iii) 9p drink
-

True or false?

- You always get change if you pay for something with a 20p coin.
- You can buy two 8p sweets and still have change from 20p
- You pay with 20p and you spend 9p. You get more than 9p change.

Fold here to hide answers

Check your understanding

Answers

Write the change from 20p when buying:

- (i) 16p biscuit **4p**
- (ii) 14p cracker **6p**
- (iii) 9p drink **11p**

Children should be applying number facts (or possibly counting **up**) to find change.

True or false?

- You always get change if you pay for something with a 20p coin. **False – only if the item is less than 20p, if it costs 20p you will get no change.**
- You can buy two 8p sweets and still have change from 20p
True since two 8p sweets cost 16p.
- You pay with 20p and you spend 9p. You get more than 9p change.
True, you get 11p change.