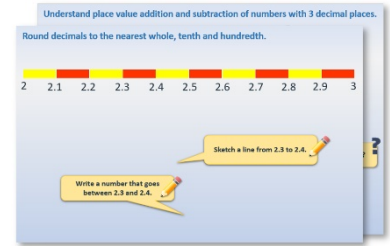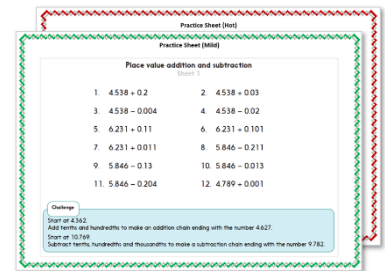# Year 2: Week 1, Day 3
Finding change

Each day covers one maths topic. It should take you about 1 hour or just a little more.
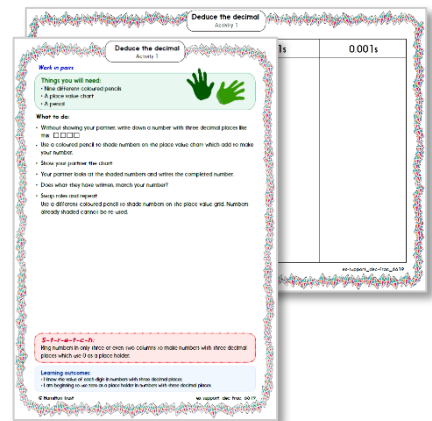
1. Start by reading through the **Learning Reminders**.
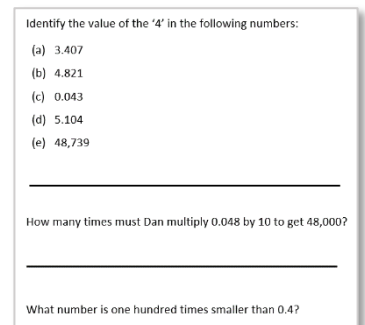   They come from our *PowerPoint* slides.

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
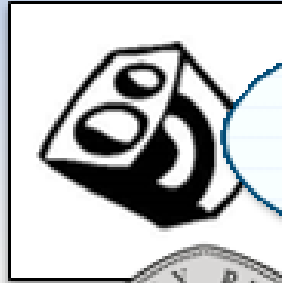   grown-up at **A Bit Stuck?**

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

Learning Reminders

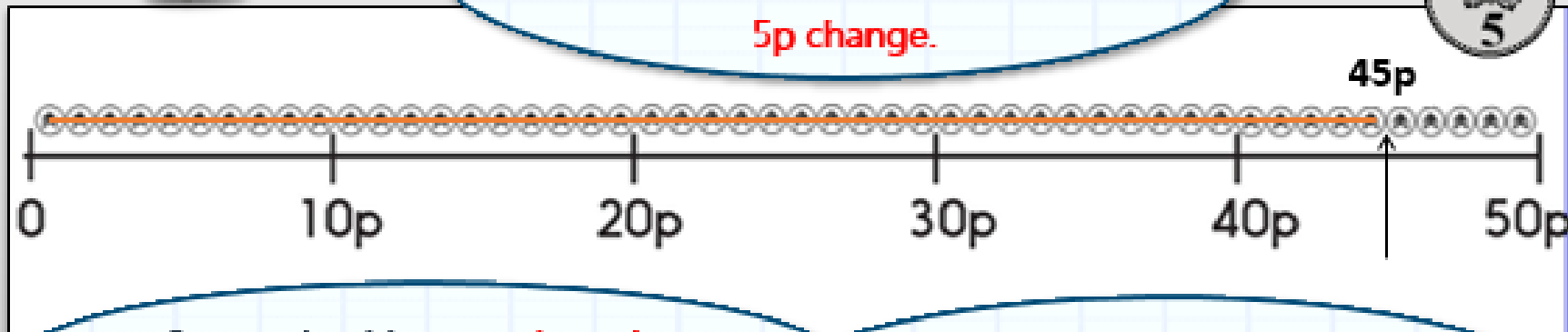**Count up to 50p to find change; Recall and apply pairs to ten.**

The pencil sharpener costs 45p. I'm going to pay with a 50p coin. Let's see how to use our penny line to find the change...

We could count back 45 from 50 but that would take a long time so it is better to count up. First mark on 45p...

Then count up to 50. We can touch the pennies on the line as we count, 1, 2, 3, 4, 5. 5p change.

45p

0   10p   20p   30p   40p   50p

I can write this as a subtraction number sentence.

50p - 45p = 5p

We can check with number facts:
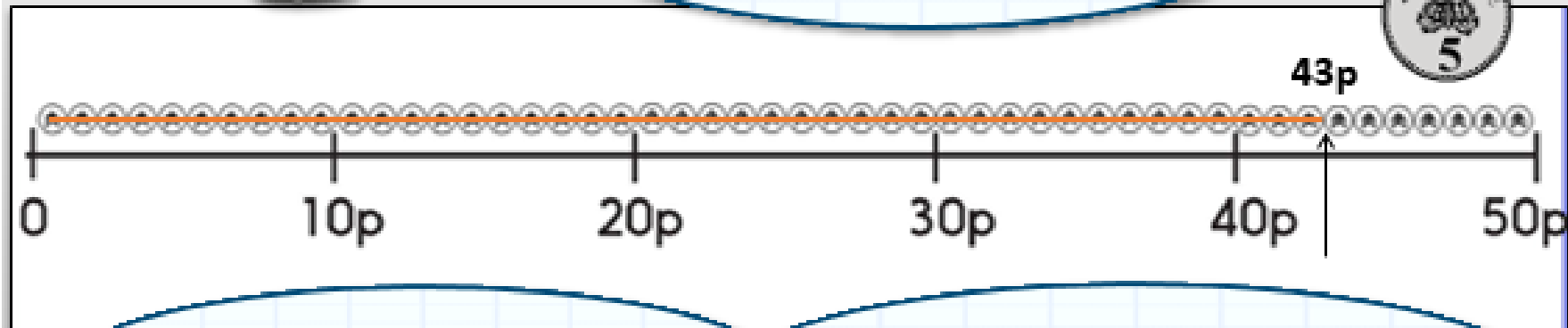5 + 5 = 10
so 45 + 5 must be 50.

Learning Reminders

The pencils costs 43p. You have 50p. Work out the change.

Mark on 43p, then count up to 50 touching the pennies on the line as we count, 1, 2, 3, 4, 5, 6, 7. 7p change.

43p

| 0 | 10p | 20p | 30p | 40p | 50p |

What subtraction number sentence can we write?

50p - 43p = 7p

We can check using number facts.
3 + 7 = 10
so 43 + 7 must be 50.

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Finding change using pairs to 10


```
0        5p        10p        15p        20p
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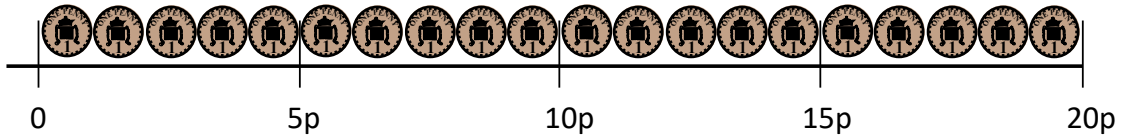
How much change will you get from 10p if you spend the following amounts?
Write the subtraction sentence for each amount.

6p   *10p – 6p = 4p*

5p

8p

4p

1p

7p

9p

2p

How much change will you get from 20p if you spend the following amounts?
Write the subtraction sentence for each amount.

6p   *20p – 6p = 14p*

8p

3p

10p

12p

9p

14p

Practice Sheet Hot
Finding change using pairs to 10

0p   10p   20p   30p   40p   50p

How much change will you get from 50p if you spend the following amounts?
Write the subtraction sentence for each amount.

46p   *50p – 46p = 4p*

48p

44p

41p

37p

35p

39p

These amounts are your change from 50p. How much did you spend?
Write the subtraction sentence for each.

4p   *50p – 4p = 46p*

3p

8p

9p

11p

Practice Sheet Answers

Finding change using pairs to 10 (mild)

5p	10p – 5p = 5p
8p	10p – 8p = 2p
4p	10p – 4p = 6p
1p	10p – 1p = 9p
7p	10p – 7p = 3p
9p	10p – 9p = 1p
2p	10p – 2p = 8p
8p	20p – 8p = 12p
3p	20p – 3p = 17p
10p	20p – 10p = 10p
12p	20p – 12p = 8p
9p	20p – 9p = 11p
14p	20p – 14p = 6p

Finding change using pairs to 10 (hot)

48p	50p – 48p = 2p
44p	50p – 44p = 6p
41p	50p – 41p = 9p
37p	50p – 37p = 13p
35p	50p – 35p = 15p
39p	50p – 39p = 11p
3p	50p – 3p = 47p
8p	50p – 8p = 42p
9p	50p – 9p = 41p
11p	50p – 11p = 39p

Work in pairs

Things you will need:
• 1p, 2p, 5p and 10p coins
• Money lines
• A pencil
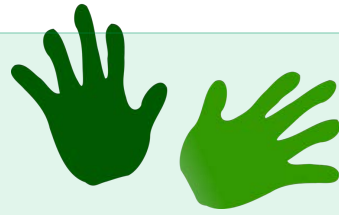
What to do:

• 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.
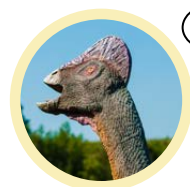
(11p) Change ☐ p
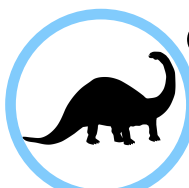
(15p) Change ☐ p

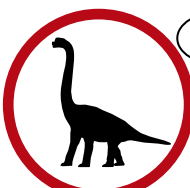(13p) Change ☐ p

(18p) Change ☐ p

(12p) Change ☐ p

(16p) Change ☐ p

(17p) Change ☐ p

(14p) Change ☐ p

(19p) Change ☐ p
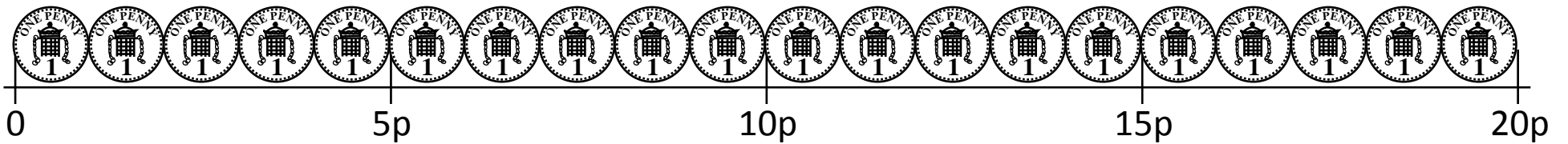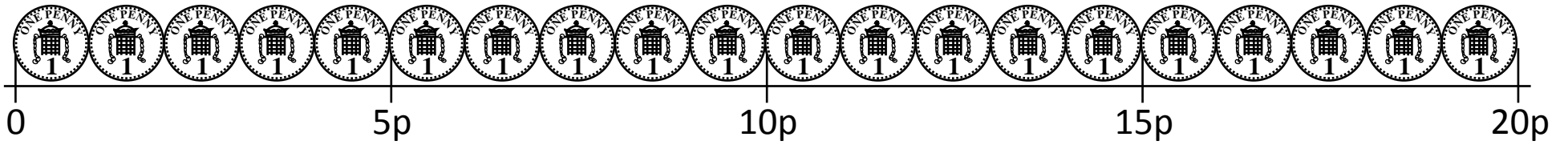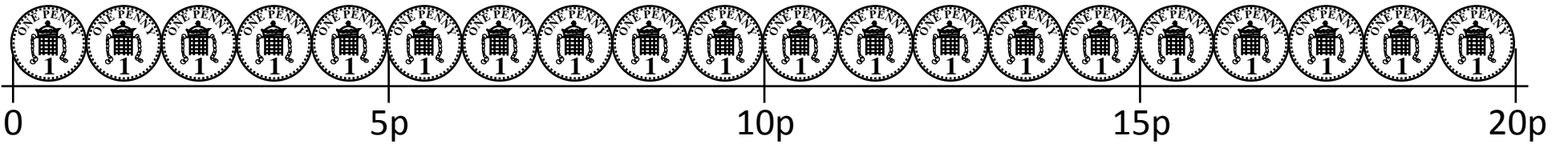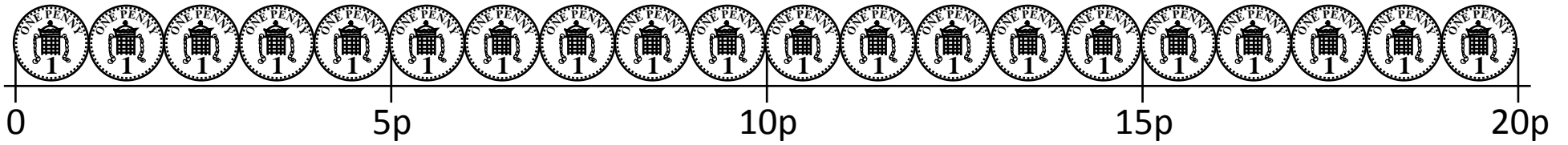
S-t-r-e-t-c-h:
Use other coins, not just pennies to give the change.

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

0   5p   10p   15p   20p

0   5p   10p   15p   20p

0   5p   10p   15p   20p

0   5p   10p   15p   20p

0   5p   10p   15p   20p
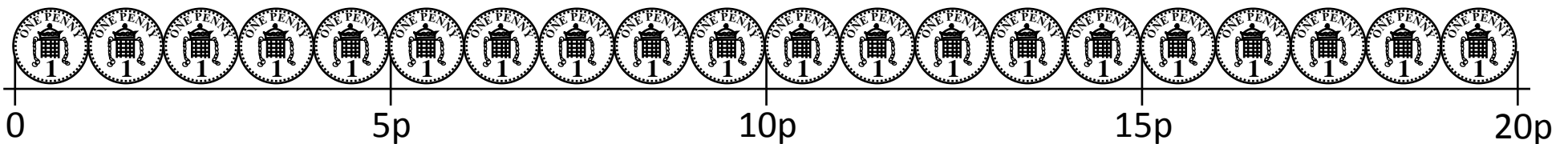
Check your understanding
Questions

Complete each sentence by writing the missing numbers:

47p + ☐ = 50p

50p - 43p = ☐

☐ + 39p = 50p

50p = ☐ + 45p

Check your understanding
Answers

Complete each sentence by writing the missing numbers:

47p + 3p = 50p

50p – 43p = 7p

11p + 39p = 50p

50p = 5p + 45p

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