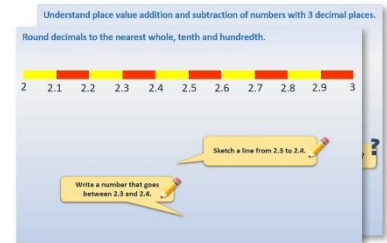


# Week 11, Day 3

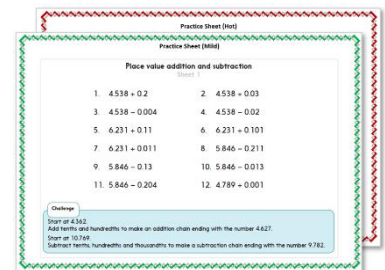
## Solve single and multi-step problems, deciding which calculations are necessary.

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

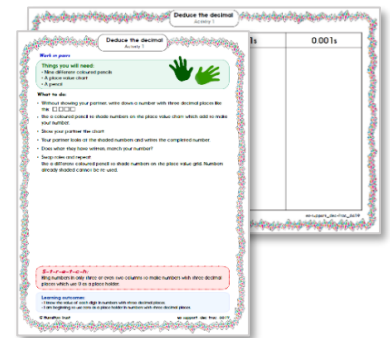
1. Start by carefully reading through the **Learning Reminders**.



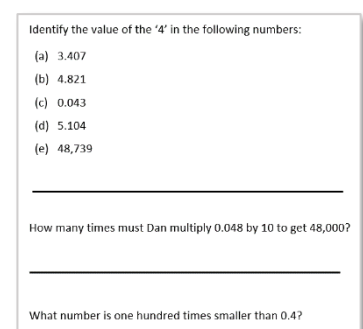
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

Solve single and multi-step problems, working out which calculations are necessary.

Remember to use our RUCSAC to help solve word problems!



**R**ead the problem.

**U**nderstand what you need to do.

**C**alculation: Which operation do you need?

**S**olve the calculation.

**A**nsWER the problem.

**C**heck - does the answer seem reasonable?

## Learning Reminders

Solve single and multi-step problems, working out which calculations are necessary.

3 children collect stickers.  
Each has a sticker album holding 200 stickers.  
How many stickers do they have if, between them,  
they need 25 stickers to complete their collections?

1.

Read this problem.

**This is a 2-step problem!**

We have to first find how many stickers the 3 albums hold, then subtract the number needed to complete them.

2.

Understand the problem and decide what calculations to do.

Solve the calculation...

3.

$$(3 \times 200) - 25 = 575$$

The children have 575 stickers.

4.

Answer the question and check if the answer is sensible.



## Practice Sheet Mild

### Stickers word problems



Solve these questions. Don't forget your RUCSAC!

|                                                                                                                                                                                                     |                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Four children collect stickers. Each has a sticker album holding 100 stickers. How many stickers do they have if, between them, they need 30 more stickers to complete their collections?</p> | <p>4. Josh buys 4 small packets of stickers costing £1.20 each and 3 large packets costing £2.50 each. How much does he spend altogether?</p> |
| <p>2. A small packet of stickers costs £1.20. How much would 6 packets cost? How much change from £10?</p>                                                                                          | <p>5. Janine has 237 stickers. Her friend Ellie gives her 62 stickers and then she gives 45 to Josh. How many stickers does she now have?</p> |
| <p>3. Three children each have 223 stickers. How many is that altogether?</p>                                                                                                                       | <p>6. Yvonne has 248 stickers. She gives one quarter of them to Ellie. How many stickers does she now have?</p>                               |

### Challenge

Now make up your own stickers word problems for someone else to solve. You must be able to work out the answer yourself!





## Practice Sheet Hot

### Stickers word problems



Solve these questions. Don't forget your RUCSAC!

|                                                                                                                                                                                                |                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Four children collect stickers. Each has a sticker album holding 120 stickers. How many stickers do they have if, between them, they need 37 stickers to complete their collections?</p> | <p>4. Josh buys 5 small packets of stickers costing £1.20 each and 7 large packets costing £2.50 each. How much does he spend altogether?</p> |
| <p>2. A small packet of stickers costs £1.20. How much would 11 packets cost? How much change from £20?</p>                                                                                    | <p>5. Janine has 328 stickers. Her friend Ellie gives her 82 stickers and then she gives 45 to Josh. How many stickers does she now have?</p> |
| <p>3. Five children each have 223 stickers. How many is that altogether?</p>                                                                                                                   | <p>6. Yvonne has 328 stickers. She gives 25% of them to Ellie. How many stickers does she now have?</p>                                       |

### Challenge

Now make up your own stickers word problems for someone else to solve. You must be able to work out the answer yourself!

