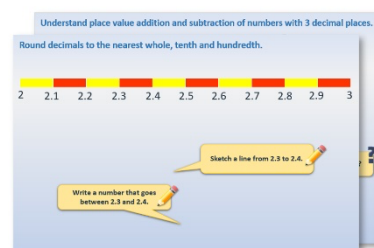


# Year 1: Week 3, Day 1

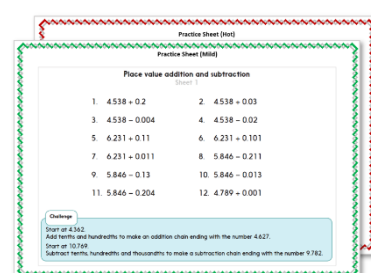
## Pairs to 8 and 9

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

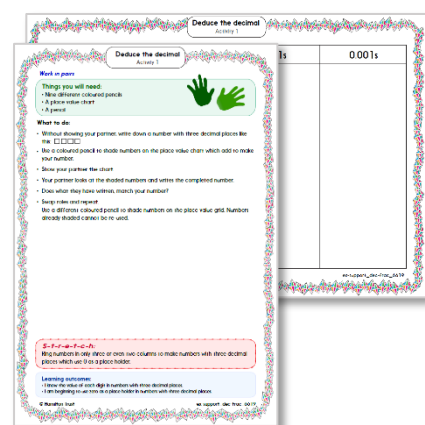
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



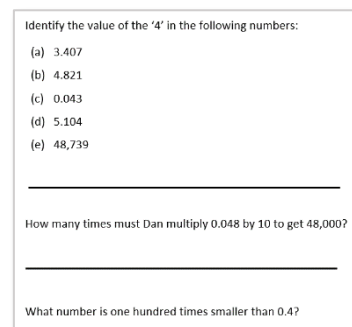
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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

Know number bonds to 8; Recognise that addition can be done in any order.

$$3 + \square = 8$$



$$3 + \square = 8$$



$$5 + \square = 8$$



5

3

How many more red cubes are needed to make 8?

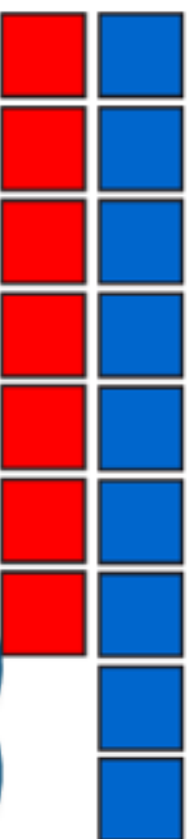
What number should go in the box now?

3 and 5 are 'special' number partners that make 8: a **number bond**. They can be added in any order to make 8.

## Learning Reminders

Know number bonds to 9; Recognise that addition can be done in any order.

$$7 + \square = 9$$



$$7 + \square = 9$$



$$= 9$$

How many more red cubes are needed to make 9?



$$2 + \square = 9$$



$$= 9$$

What number should go in the box now?



7

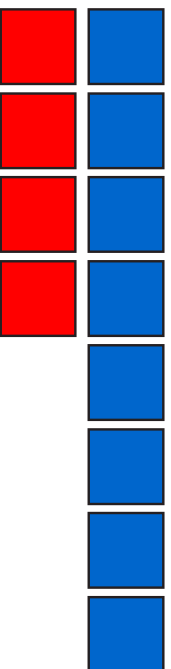
2

7 and 2 are 'special' number partners that make 9: a **number bond**. They can be added in any order to make 9.

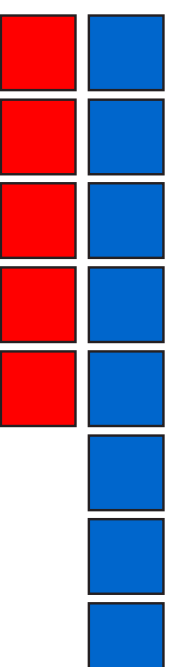
## Practice Sheet Mild

### How many more to make 8?

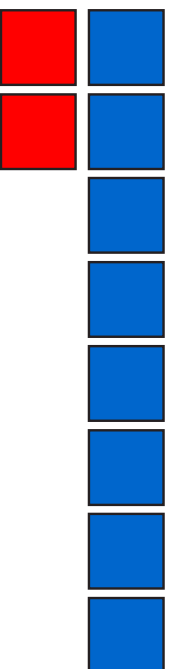
Draw the missing number of cubes and write the missing number in the number sentence below:



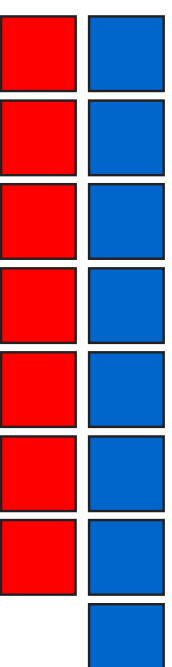
$$4 + \square = 8$$



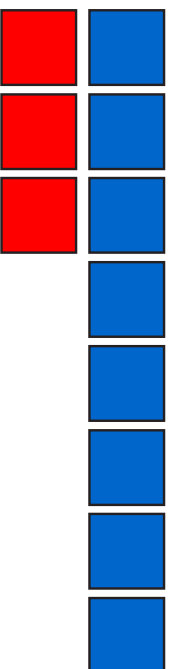
$$5 + \square = 8$$



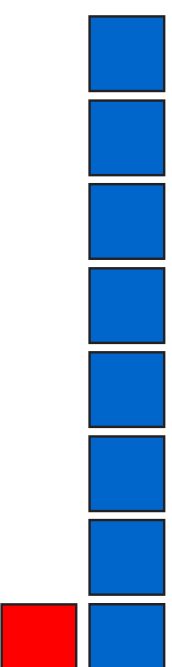
$$2 + \square = 8$$



$$7 + \square = 8$$




$$3 + \square = 8$$




$$\square + 1 = 8$$

# Practice Sheet Hot Birthday number bond candles


How many more candles to make 9? Finish each number sentence.




2	+		=	9
---	---	--	---	---




5	+		=	
---	---	--	---	--




	+		=	
--	---	--	---	--




	+		=	
--	---	--	---	--




	+		=	
--	---	--	---	--




	+		=	
--	---	--	---	--



	+		=	
--	---	--	---	--



	+		=	
--	---	--	---	--



	+		=	
--	---	--	---	--

## Practice Sheet Answers

**How many more to make 8? (mild)**

$4 + 4 = 8$

$5 + 3 = 8$

$2 + 6 = 8$

$7 + 1 = 8$

$3 + 5 = 8$

$7 + 1 = 8$

**Birthday number bond candles (hot)**

$2 + 7 = 9$

$5 + 4 = 9$

$7 + 2 = 9$

$8 + 1 = 9$

$4 + 5 = 9$

$1 + 8 = 9$

$9 + 0 = 9$

$3 + 6 = 9$

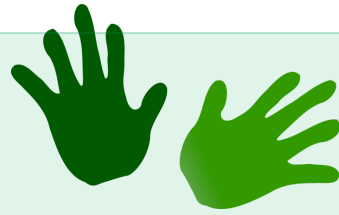
$6 + 3 = 9$

## A Bit Stuck? Deadly dinosaurs

### Work in pairs

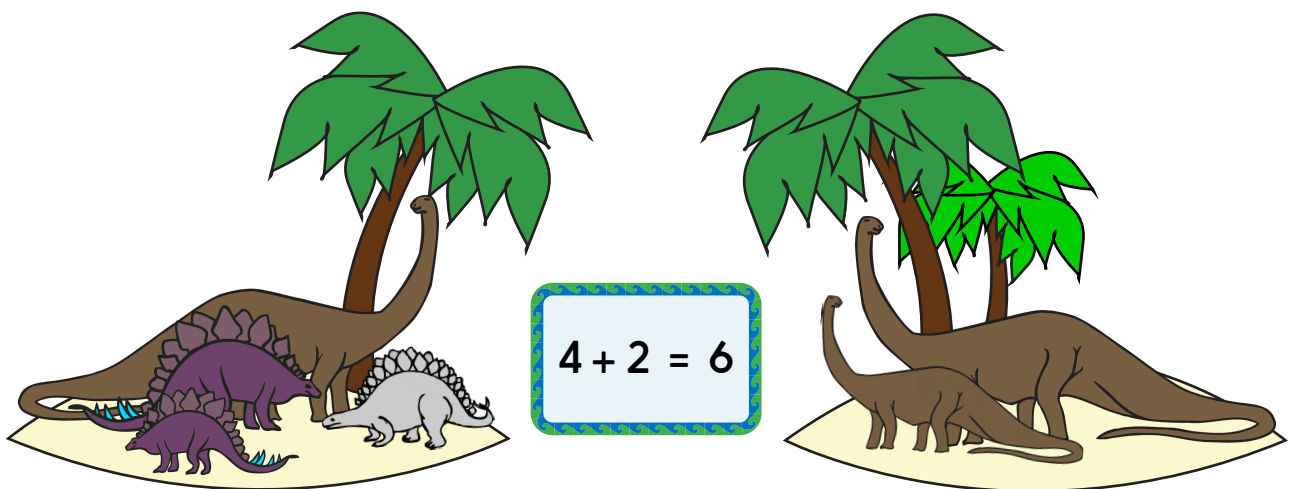
#### Things you will need:

- Six dinosaurs
- Two islands
- Addition cards



#### What to do:

- Spread out the addition cards so that you can see them all.
- Split the six dinosaurs between the two islands. No dinosaurs must be left in the sea.
- How many dinosaurs are on each island? Find the matching sum. Put the card to one side so that you know you have used that one.
- Now split the dinosaurs in a different way. Find the matching sum.
- Carry on moving the dinosaurs and finding the matching sums.
- Look at the sums which are left. Split the dinosaurs to match as many different sums as you can.

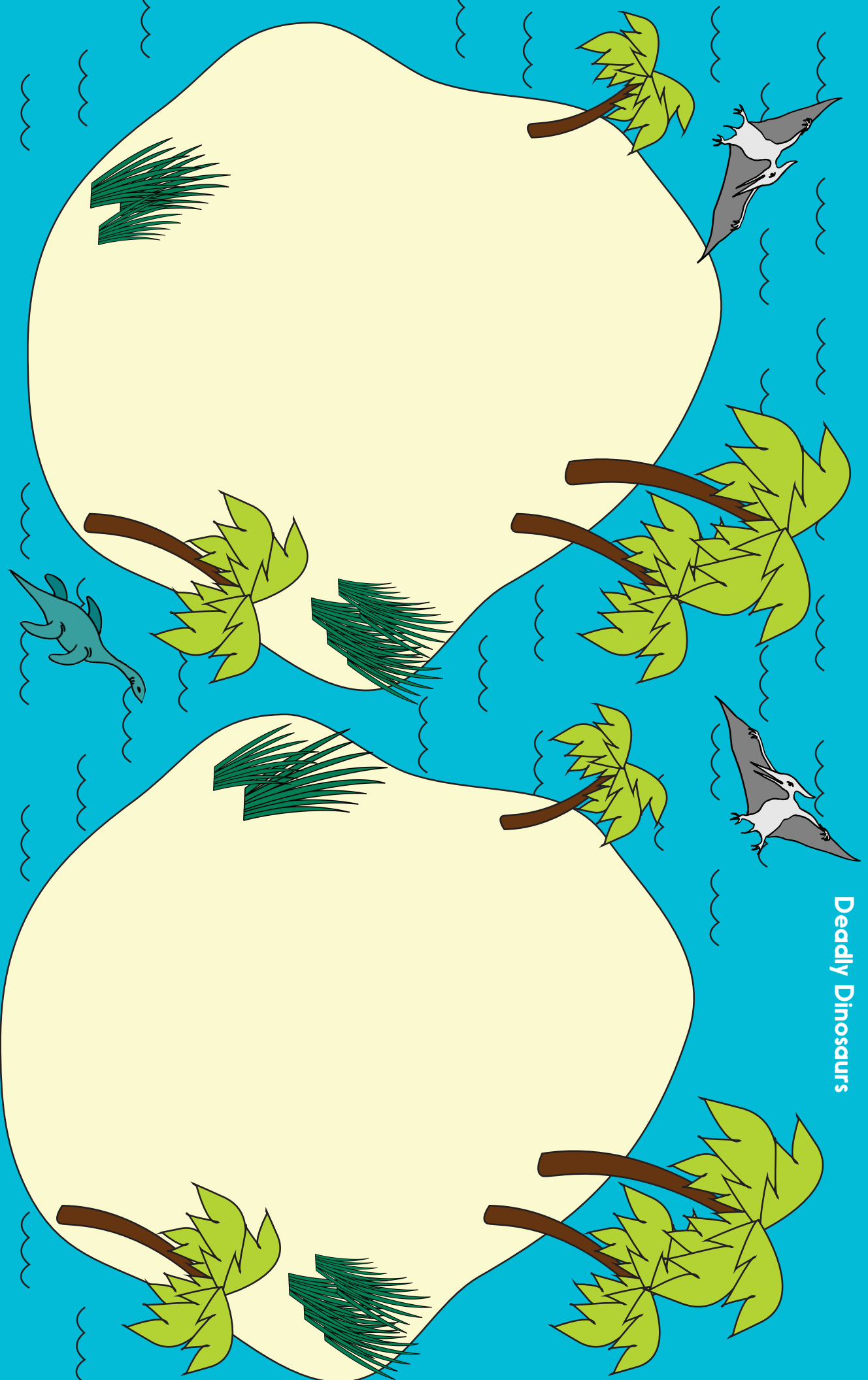


#### **S-t-r-e-t-c-h:**

Take it in turns to cover one of the first two numbers in a sum. The other person works out what number is hidden. They can use their fingers to help.

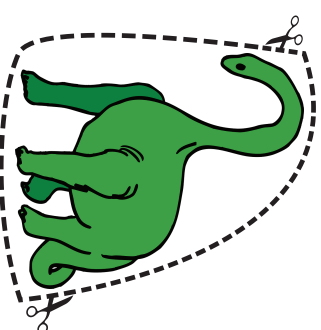
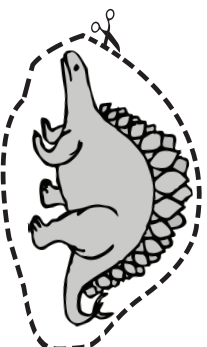
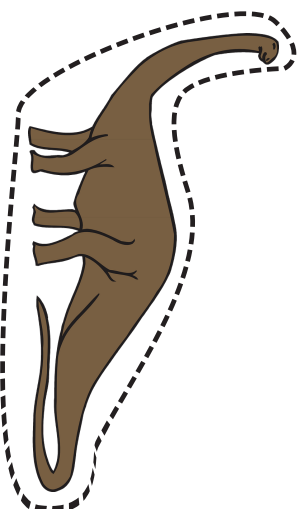
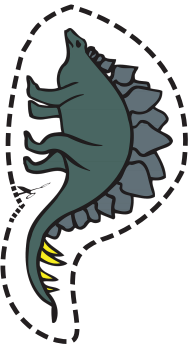
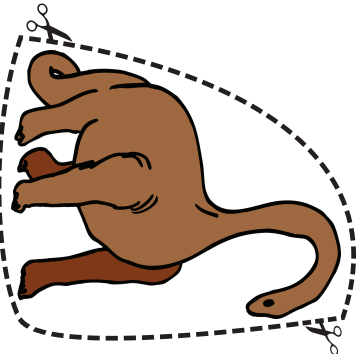
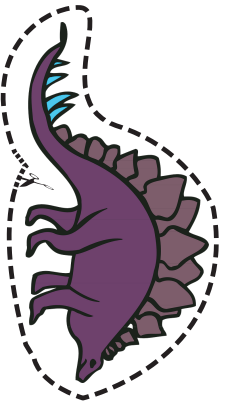
#### Learning outcomes:

- I can split 6 into two groups and find the matching sum.
- I am beginning to know a few pairs to 6 by heart.





**A Bit Stuck?**  
**Deadly dinosaurs**



**A Bit Stuck?**  
**Deadly dinosaurs**

$$6 + 0 = 6$$

$$5 + 1 = 6$$

$$4 + 2 = 6$$

$$3 + 3 = 6$$

$$2 + 4 = 6$$

$$1 + 5 = 6$$

$$0 + 6 = 6$$

## Check your understanding

### Questions

Find the missing numbers. It could help to point at the first number and count on...

$5 + \square = 9$

$6 + \square = 8$

$\square + 6 = 9$

$3 + \square = 8$

$\square + 2 = 9$

$1 + \square = 8$

---

9 frogs in the pond. 3 hop out.

How many now?

8 beetles on a leaf. 5 fly away.

How many now?

---

*Fold here to hide answers*

---

## Check your understanding

### Answers

Point at the first number and count on.

$5 + \boxed{4} = 9$

$6 + \boxed{2} = 8$

$\boxed{3} + 6 = 9$

$3 + \boxed{5} = 8$

$\boxed{7} + 2 = 9$

$1 + \boxed{7} = 8$

If children are consistently wrong, check that they are not including the start number in the count.

---

9 frogs in the pond. 3 hop out.

How many now? **6**. This, and the following question, could be modelled using counters.

8 beetles on a leaf. 5 fly away.

How many now? **3**