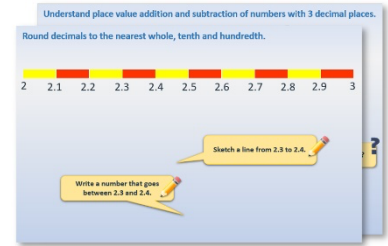


Year 1: Week 3, Day 1

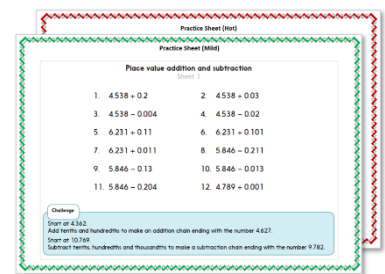
Pairs to 8 and 9

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

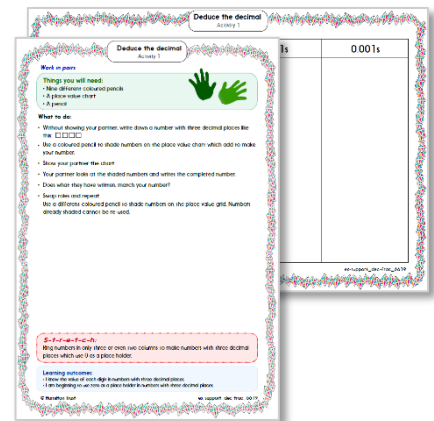
- Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



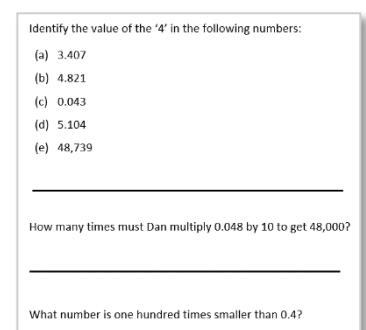
- Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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



- 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.

$$3 + \square = 8$$



$$3 + 5 = 8$$



How many more red cubes are needed to make 8?

$$5 + 3 = 8$$



What number should go in the box now?

5 3

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.

$$7 + \square = 9$$



$$7 + \boxed{2} = 9$$



How many more red cubes are needed to make 9?

$$2 + \boxed{7} = 9$$



What number should go in the box now?

7 2

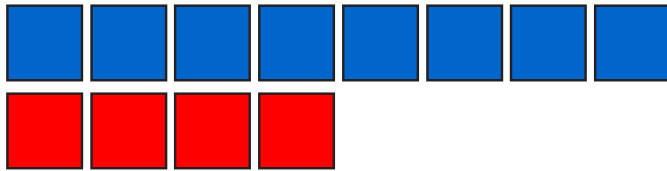


7 and 2 are 'special' number partners that make 9: a **number bond**. They can be added in any order to make 9.

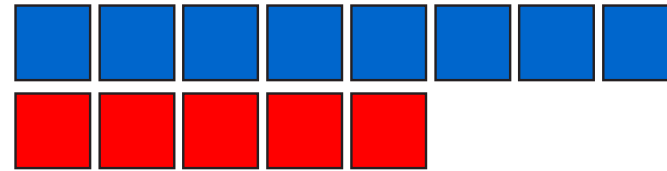
Practice Sheet Mild

How many more to make 8?

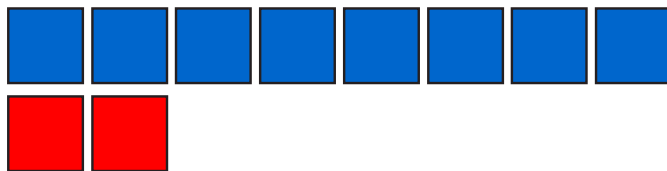
Draw the missing number of cubes and write the missing number in the number sentence below:



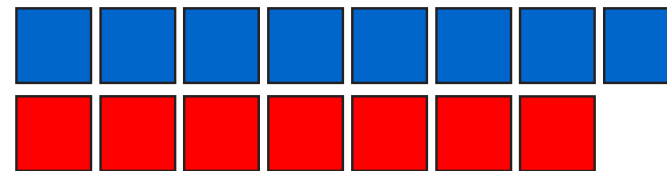
$$4 + \square = 8$$



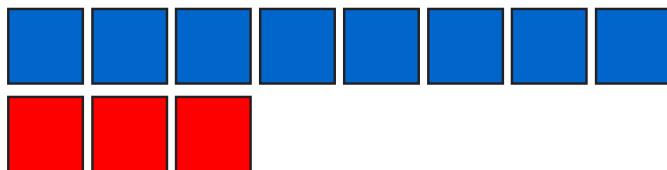
$$5 + \square = 8$$



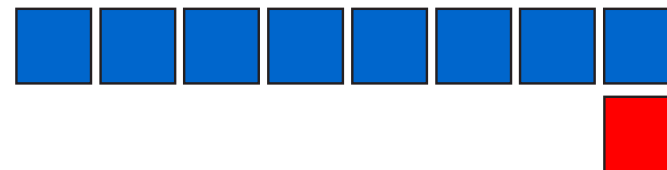
$$2 + \square = 8$$



$$7 + \square = 8$$



$$3 + \square = 8$$





$$\square + 1 = 8$$


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)

$2 + 7 = 9$

$5 + 4 = 9$

$7 + 2 = 9$

$8 + 1 = 9$

$4 + 5 = 9$

$1 + 8 = 9$

$9 + 0 = 9$

$3 + 6 = 9$

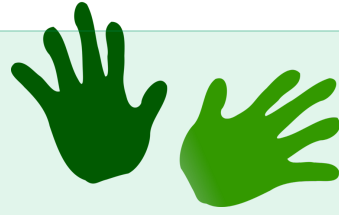
$6 + 3 = 9$

A Bit Stuck? Deadly dinosaurs

Work in pairs

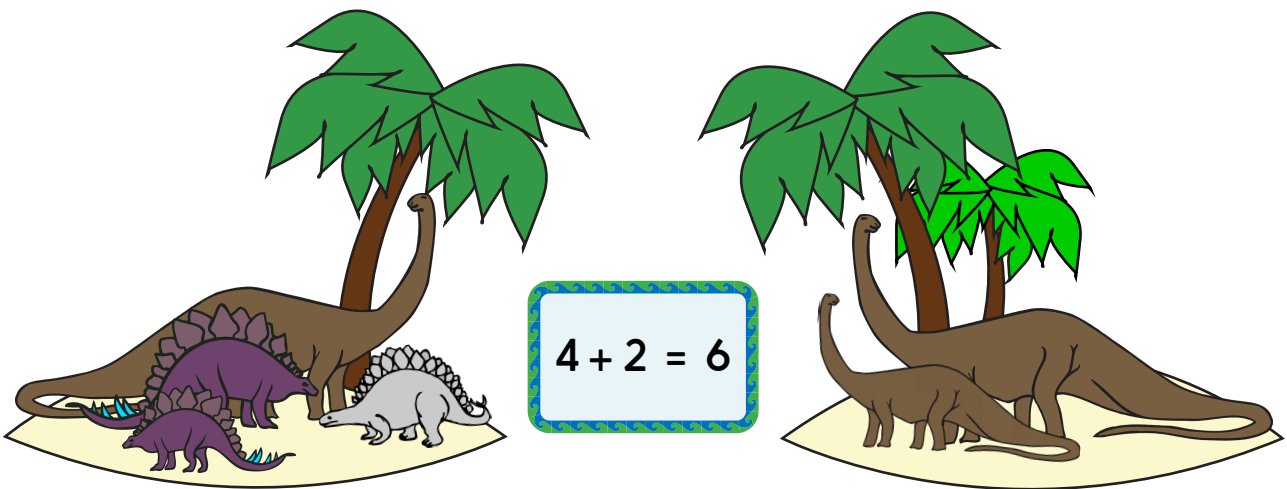
Things you will need:

- 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.



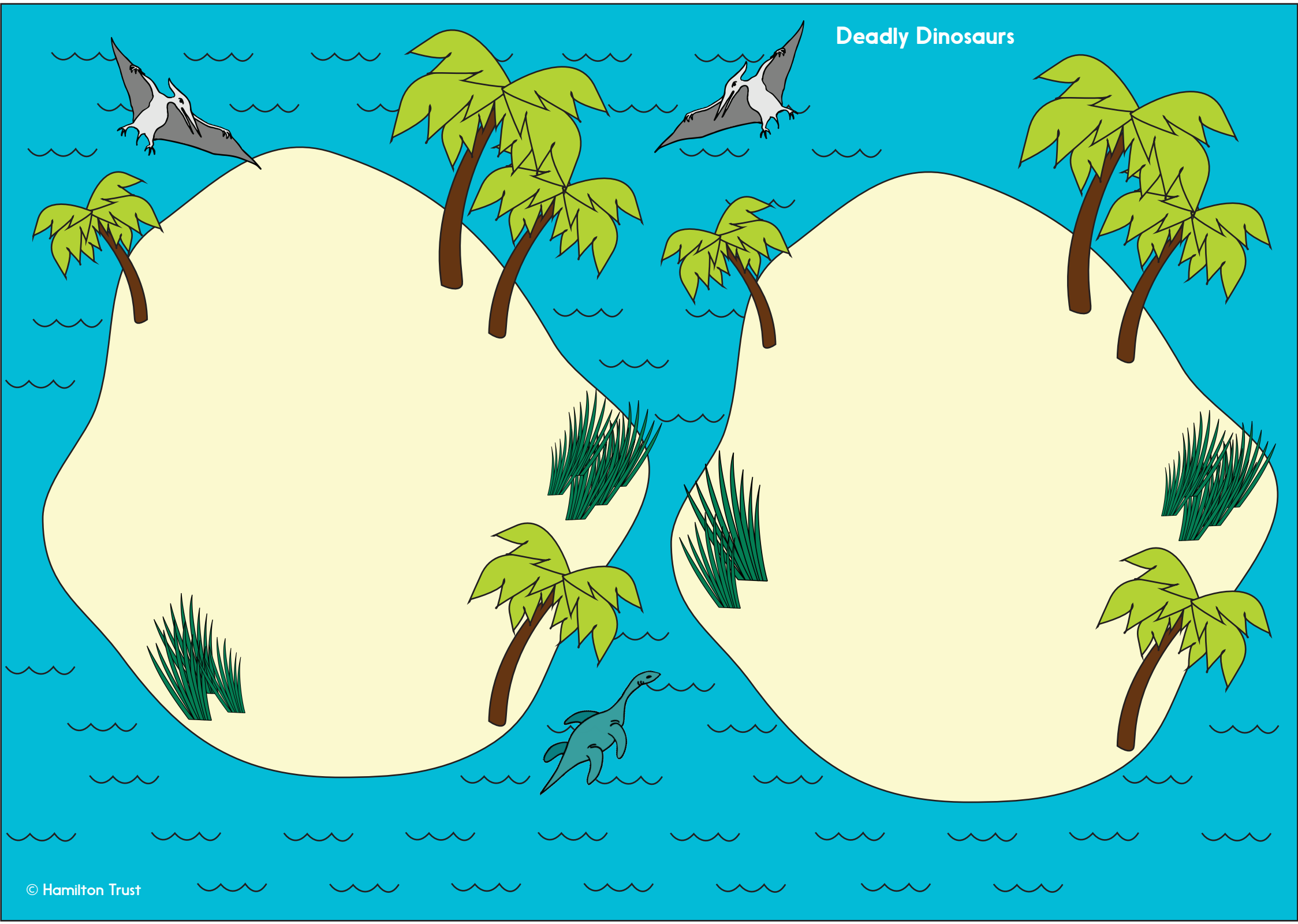
S-t-r-e-t-c-h:

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.

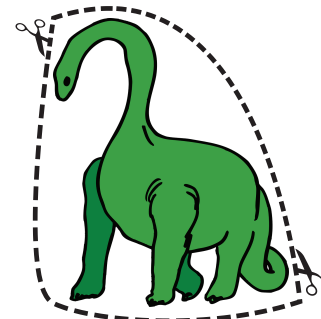
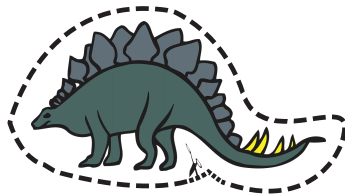
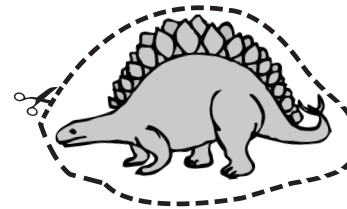
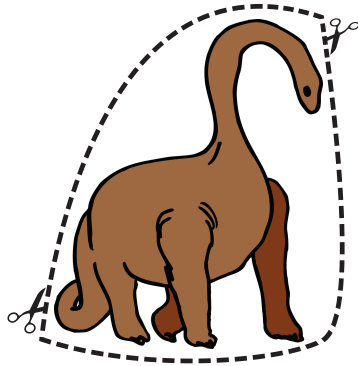
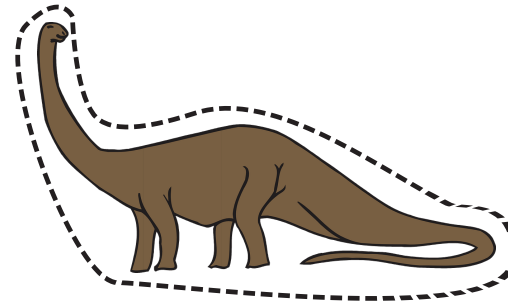
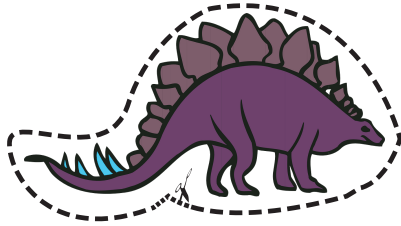
Learning outcomes:

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

Deadly Dinosaurs



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**