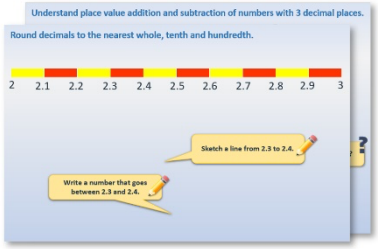
Year 1: Week 3, Day 1

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.



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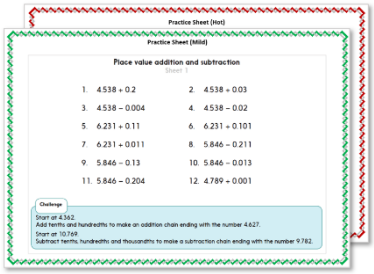
2. Tackle the questions on the **Practice Sheet**.
There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.



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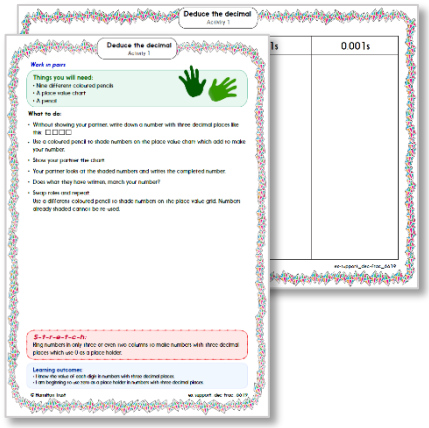
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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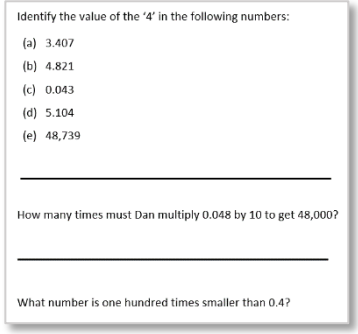
4. Have I mastered the topic? A few questions to **Check your understanding**.
Fold the page to hide the answers!



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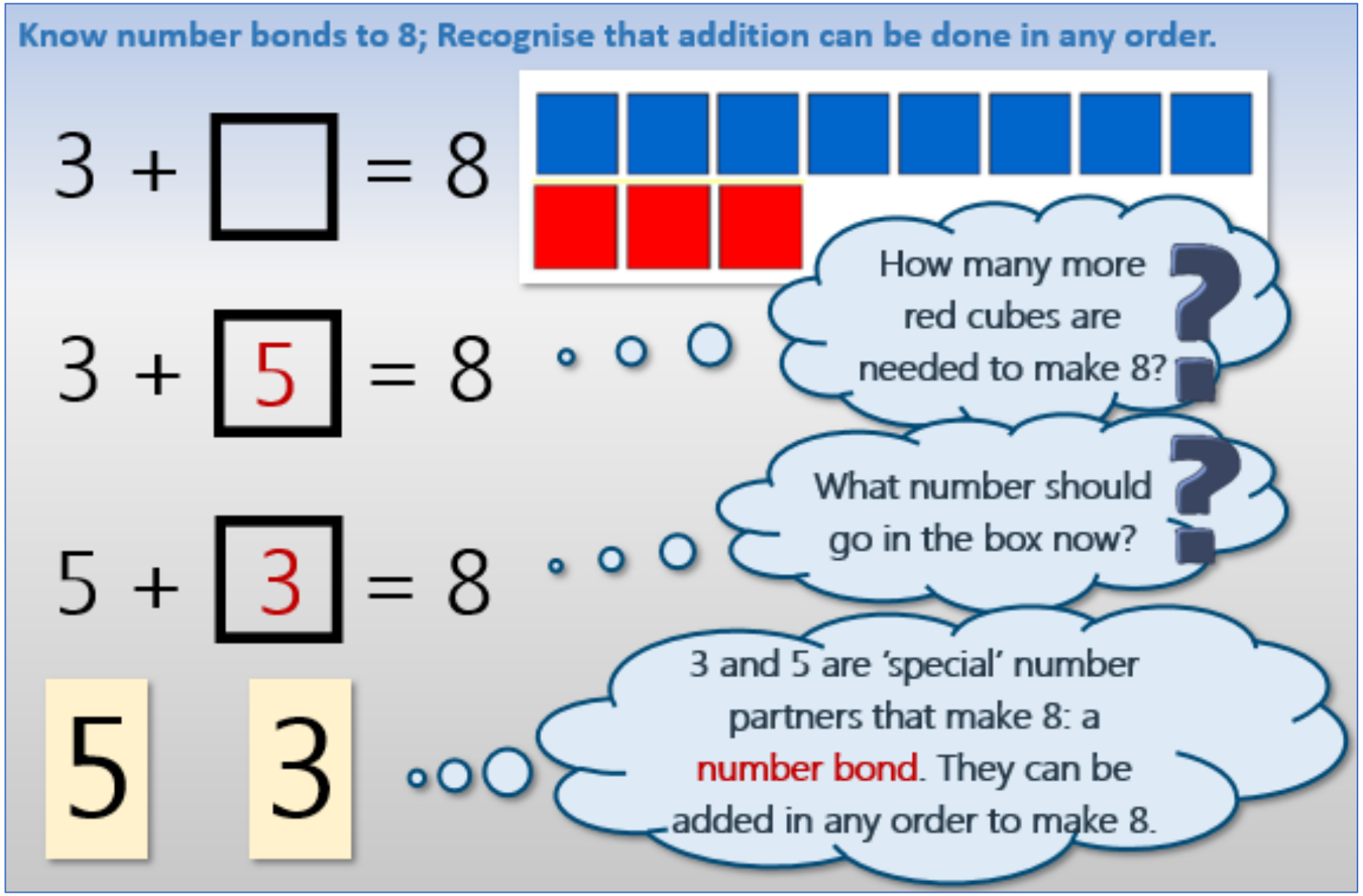
Learning Reminders



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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.

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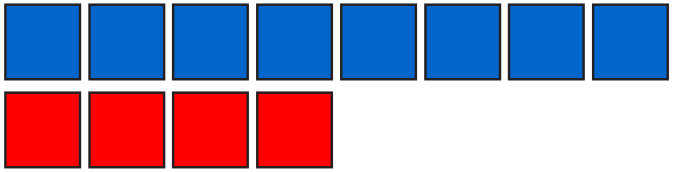
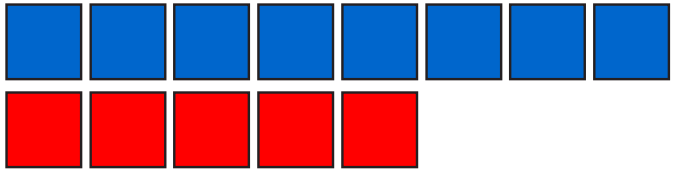
Practice Sheet Mild

How many more to make 8?

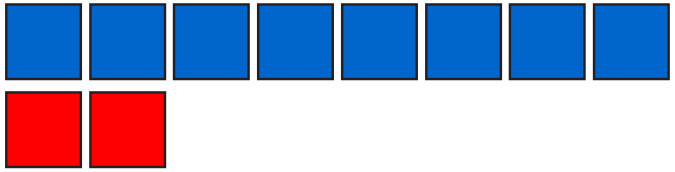
Draw the missing number of cubes and write the missing number in the number sentence below:



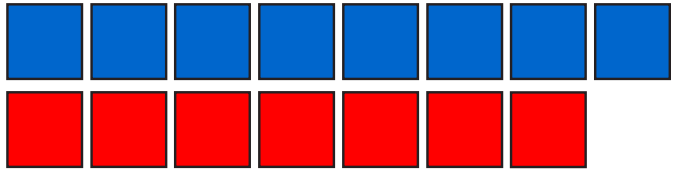
4 + ☐ = 8



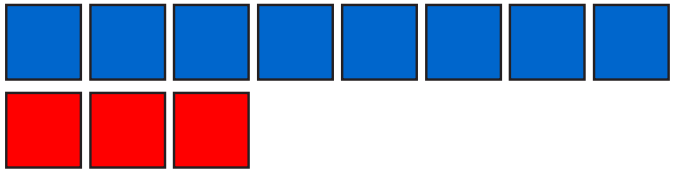
5 + ☐ = 8



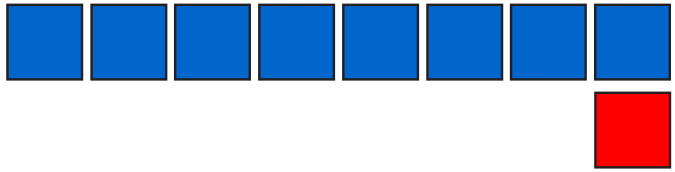
2 + ☐ = 8



7 + ☐ = 8



3 + ☐ = 8



☐ + 1 = 8

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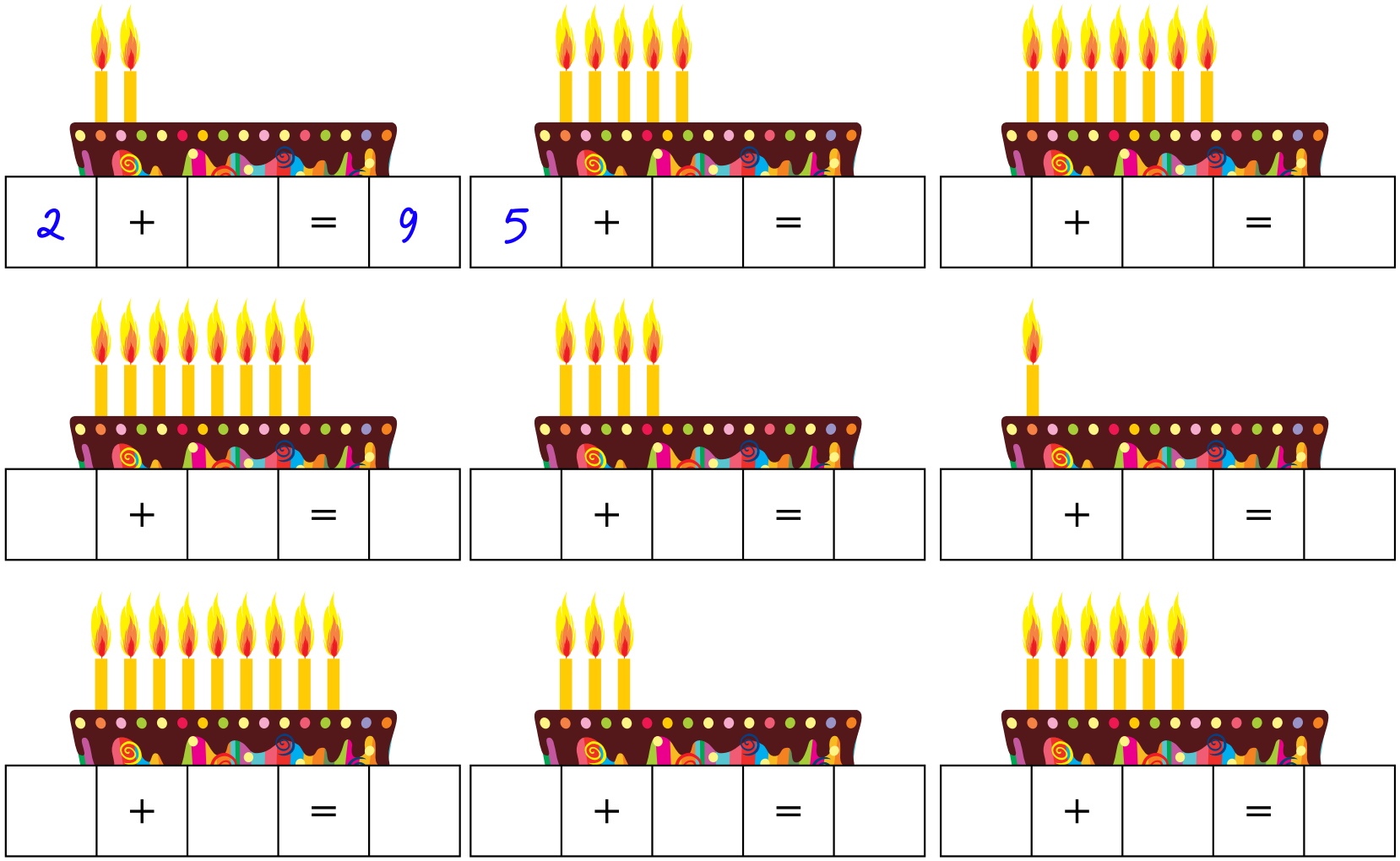
Practice Sheet Hot

Birthday number bond candles

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



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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

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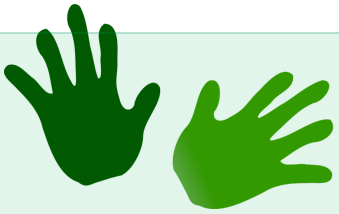
A Bit Stuck?
Deadly dinosaurs

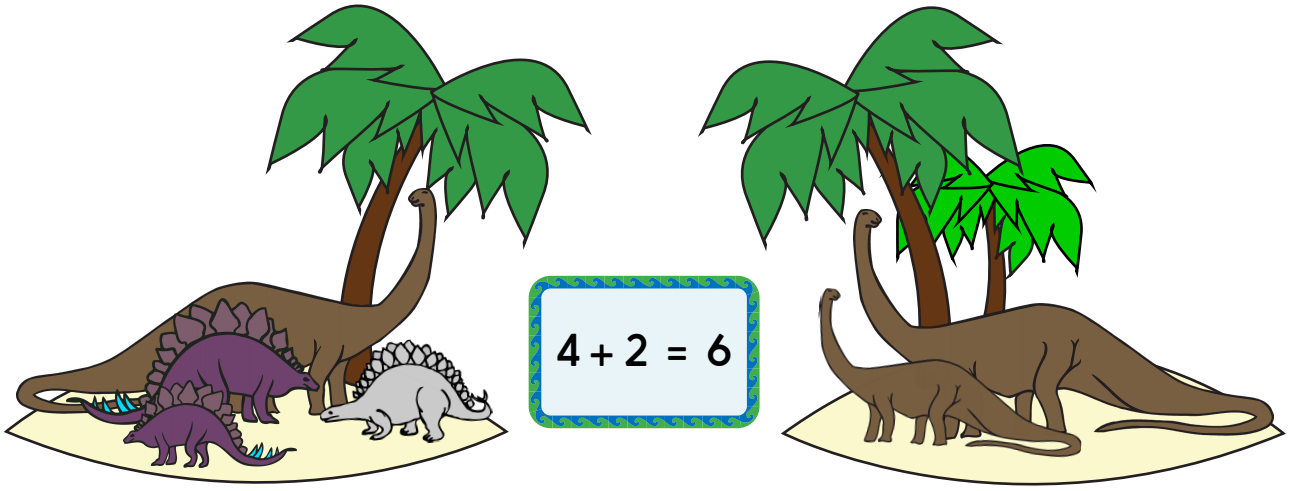
Work in pairs

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.

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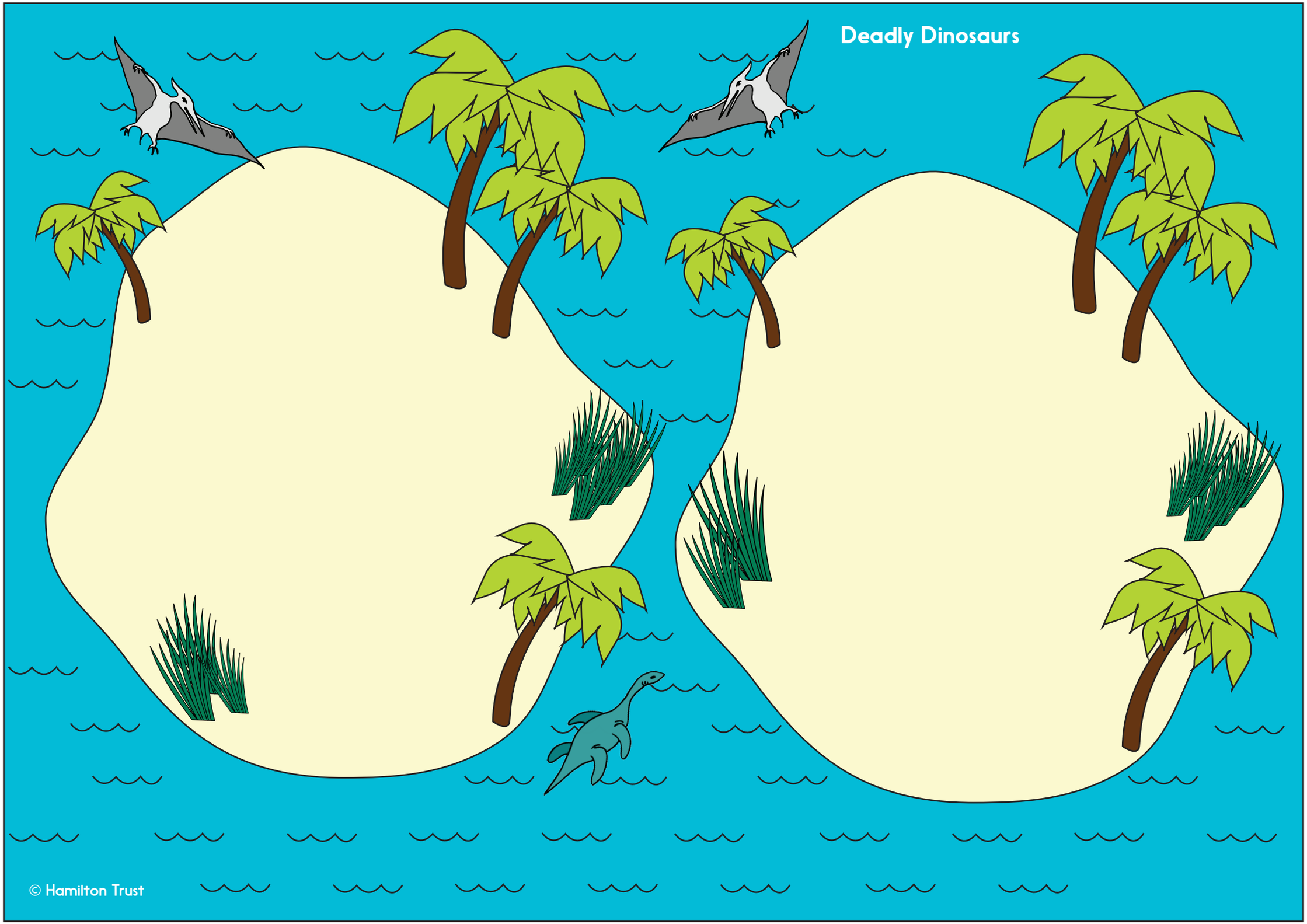
Deadly Dinosaurs



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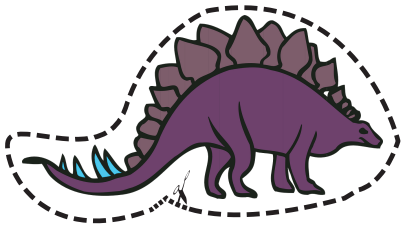
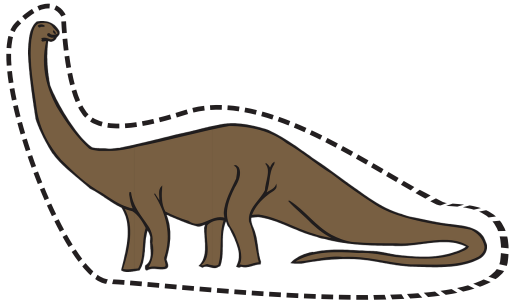
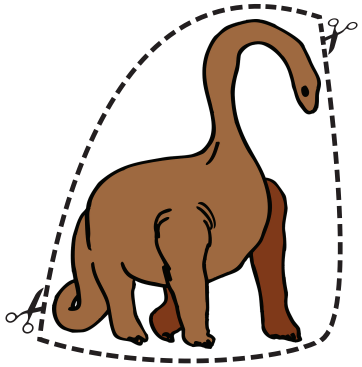
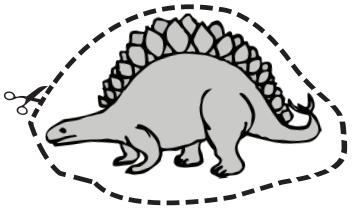
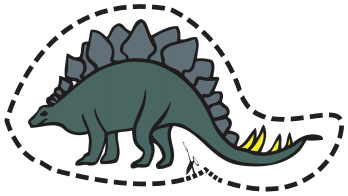
A Bit Stuck?
Deadly dinosaurs

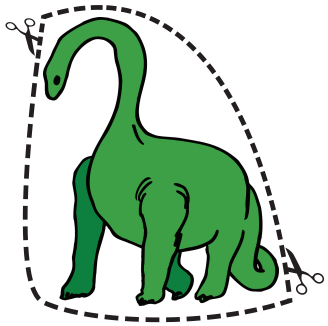












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A Bit Stuck?
Deadly dinosaurs

$6 + 0 = 6$	$5 + 1 = 6$
$4 + 2 = 6$	$3 + 3 = 6$
$2 + 4 = 6$	$1 + 5 = 6$
$0 + 6 = 6$	

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Check your understanding

Questions

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

5 + ☐ = 9

6 + ☐ = 8

☐ + 6 = 9

3 + ☐ = 8

☐ + 2 = 9

1 + ☐ = 8

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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 + **4** = 9

6 + **2** = 8

3 + 6 = 9

3 + **5** = 8

7 + 2 = 9

1 + **7** = 8

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

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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

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