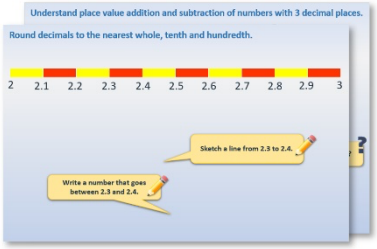
Year 1: Week 3, Day 3
Adding three numbers

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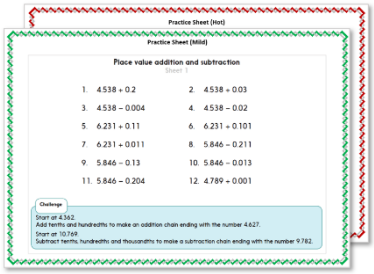
2. Tackle the questions on the **Practice Sheet**.
There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.



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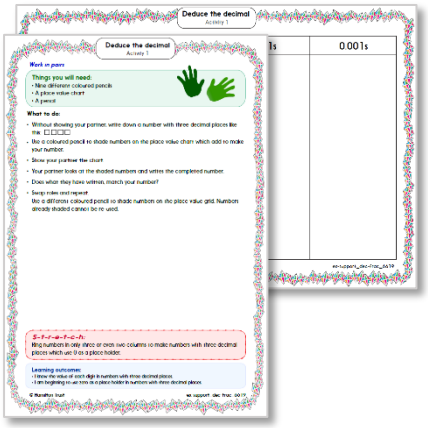
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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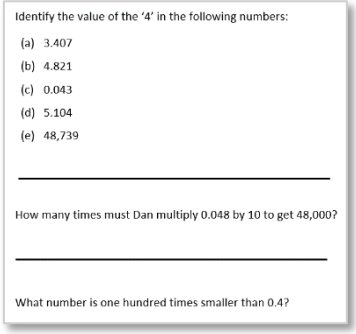
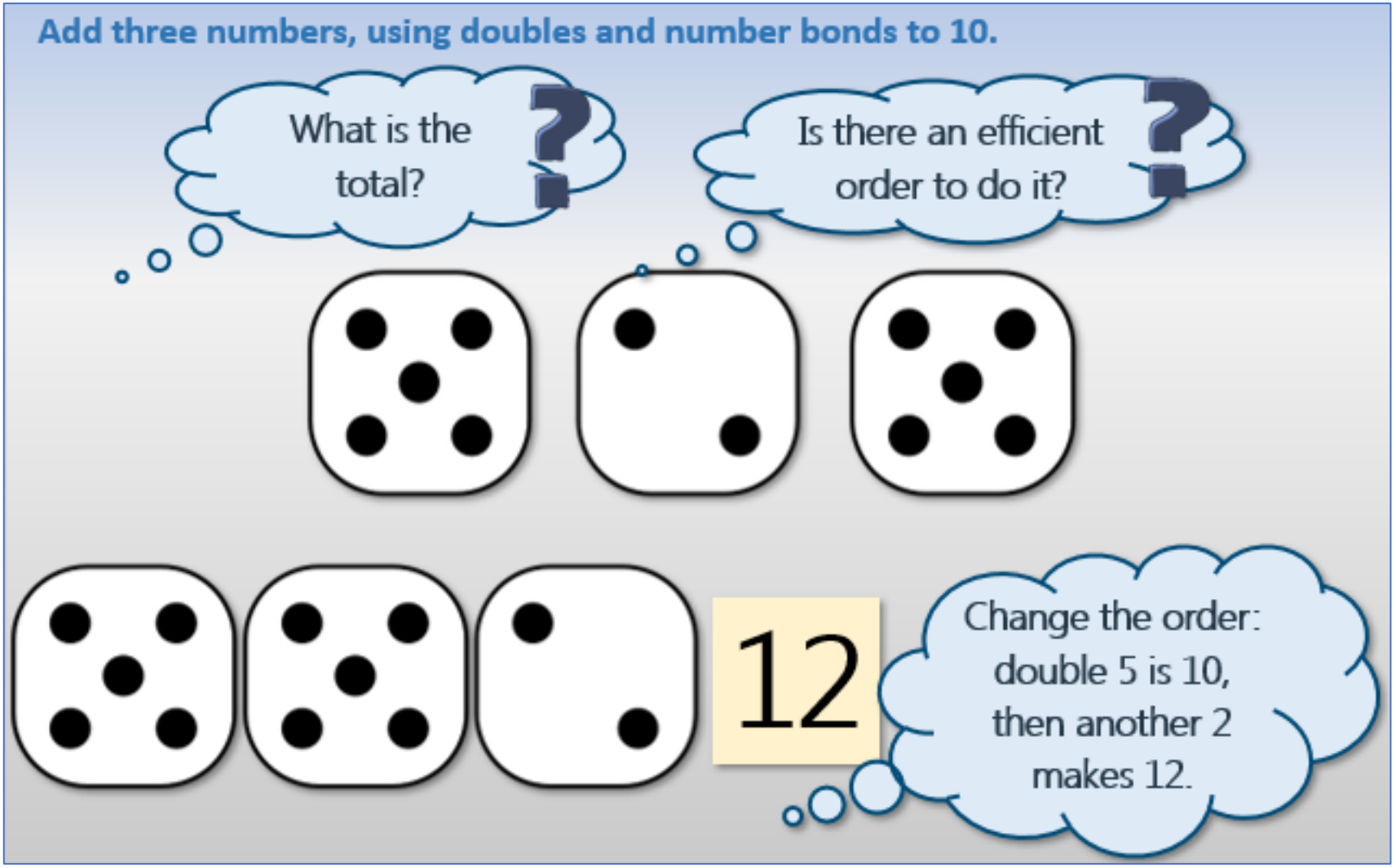
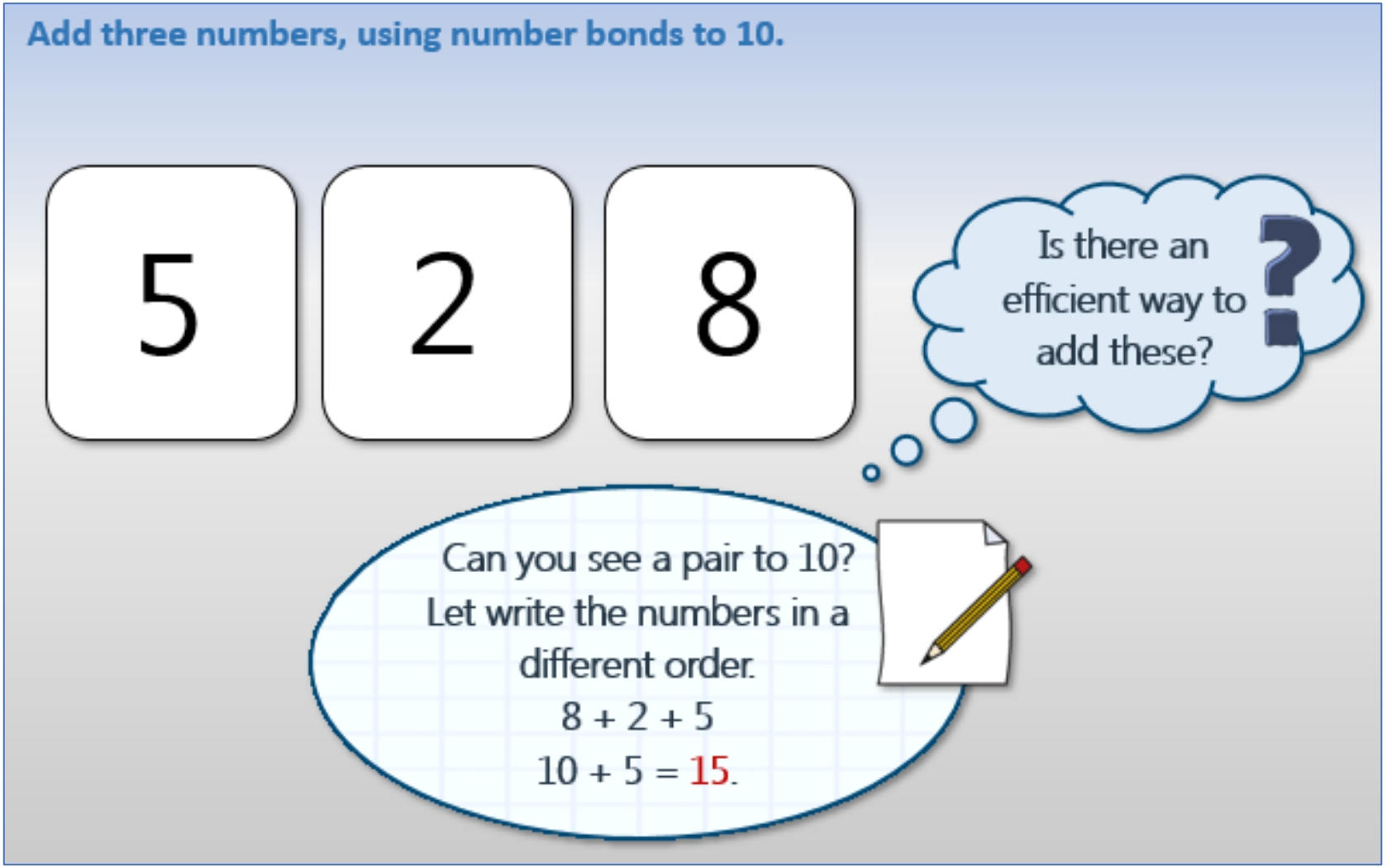
4. Have I mastered the topic? A few questions to **Check your understanding**.
Fold the page to hide the answers!



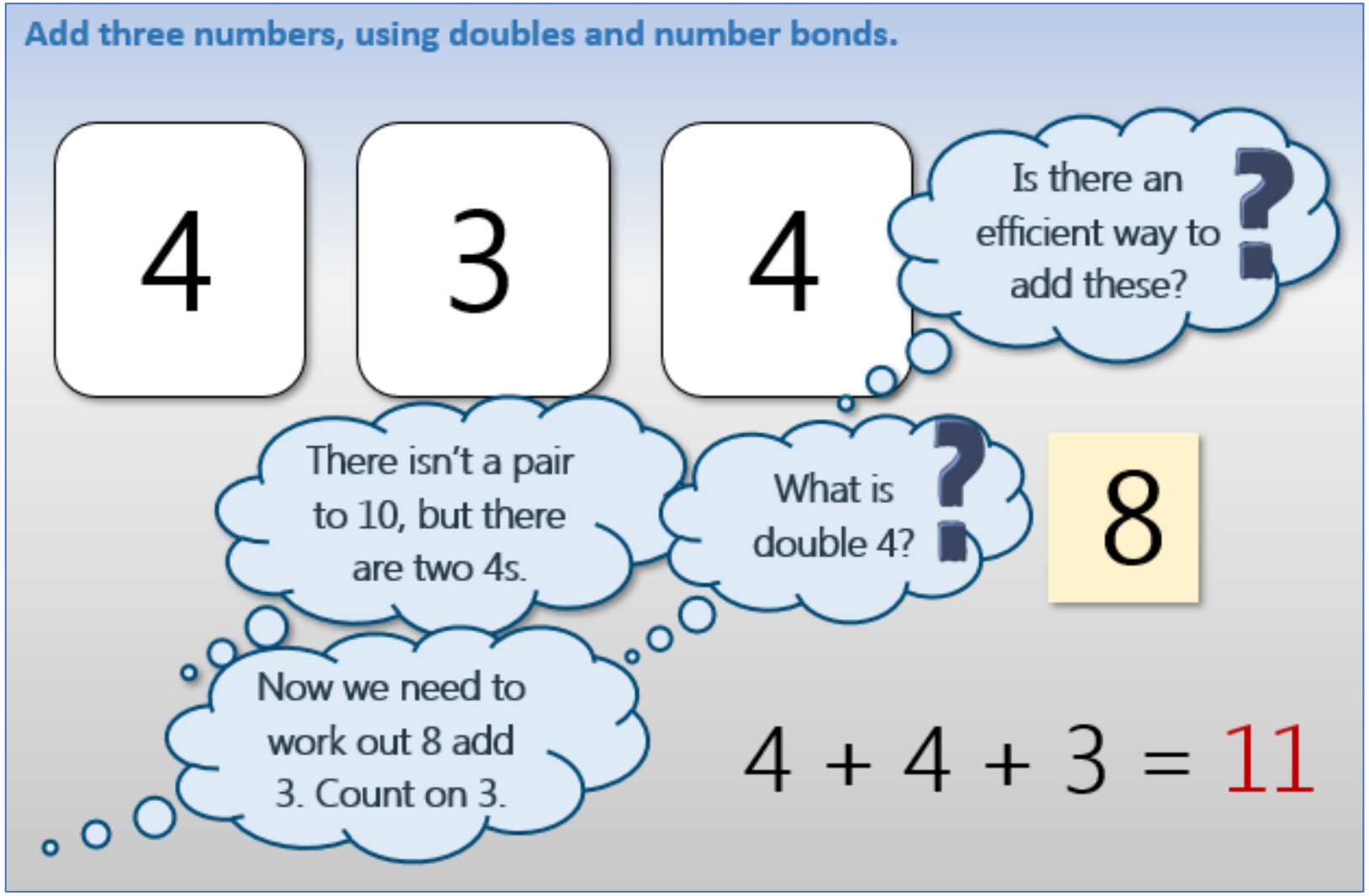
Learning Reminders



Learning Reminders



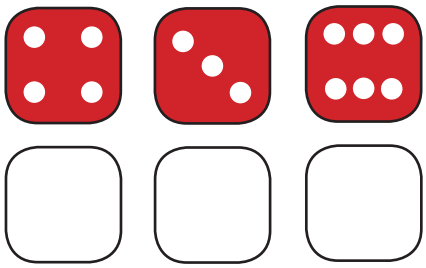
Learning Reminders

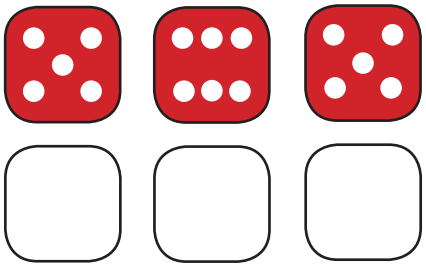


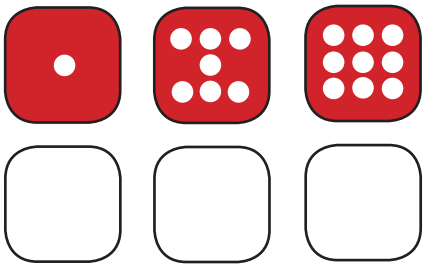
Practice Sheet Mild

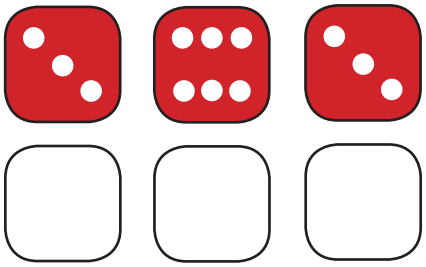
Adding 3 dice

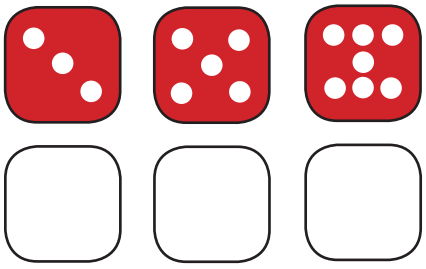
Can you re-arrange the dice into the order you might add them together? Remember to look for doubles and number bonds to help you, e.g. 6 + 4 + 2 = 12

1.  ☐ + ☐ + ☐ = ☐

2.  ☐ + ☐ + ☐ = ☐

3.  ☐ + ☐ + ☐ = ☐

4.  ☐ + ☐ + ☐ = ☐

5.  ☐ + ☐ + ☐ = ☐

Practice Sheet Hot

Adding 3 numbers

9 4 1 ☐ + ☐ + ☐ = ☐

5 2 8 ☐ + ☐ + ☐ = ☐

7 3 4 ☐ + ☐ + ☐ = ☐

4 5 6 ☐ + ☐ + ☐ = ☐

3 7 8 ☐ + ☐ + ☐ = ☐

3 6 4 ☐ + ☐ + ☐ = ☐

5 9 5 ☐ + ☐ + ☐ = ☐

Challenge

Write 3 numbers to give a total of 17.

☐ + ☐ + ☐ = 17

Practice Sheets Answers

Adding 3 dice Sheet (mild)

1. 6 + 4 + 3 = 13
2. 5 + 5 + 6 = 16
3. 9 + 1 + 7 = 17
4. 3 + 3 + 6 = 12
5. 7 + 3 + 5 = 15

Adding 3 numbers (hot)

9 + 1 + 4 = 14
8 + 2 + 5 = 15
7 + 3 + 4 = 14
6 + 4 + 5 = 15
7 + 3 + 8 = 18
6 + 4 + 3 = 13
5 + 5 + 9 = 19

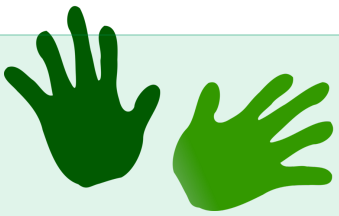
Challenge

Accept answers where 3 different numbers are given that add up to 17, e.g. 6 + 4 + 7, 8 + 2 + 7, 6 + 6 + 5, etc.

A Bit Stuck?
Shape sums

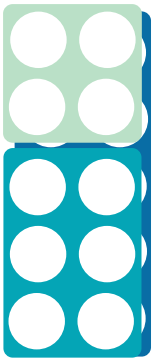
Work in pairs

Things you will need:
- Number shapes
- Addition cards



What to do:

- Find the 10 shape.
- Find two shapes which fit EXACTLY on top of the 10 shape.



- Find the matching sum. Remember the numbers can be in either order.
- Put the card to one side so that you know you have used that one.
- Put the two shapes back.
- Now find two more shapes which fit exactly on top of the 10 shape.

  Find the matching sum.
- Find as many different pairs of shapes that fit on top of the 10 shape as you can.

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

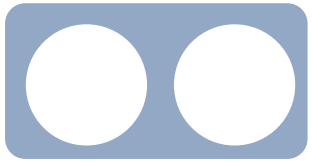
Take it in turns to cover one of the first two numbers in a sum. The other person works out what number is hidden. They can use their fingers to help.

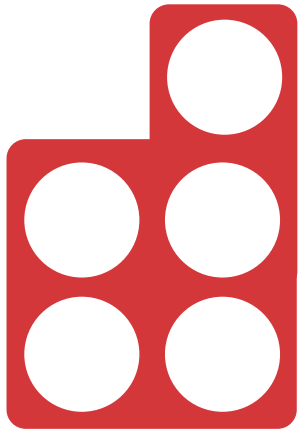
Learning outcomes:
- I can find pairs of numbers which make 10.
- I am beginning to say how many more are needed to make 10.

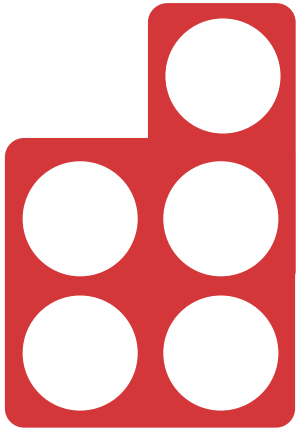
A Bit Stuck?
Shape sums

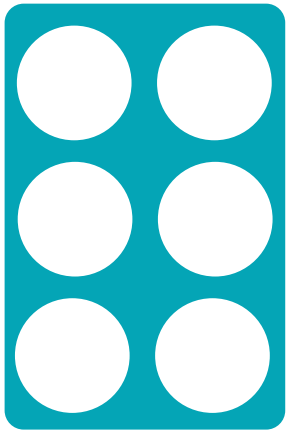
$10 + 0 = 10$	$9 + 1 = 10$
$8 + 2 = 10$	$7 + 3 = 10$
$6 + 4 = 10$	$5 + 5 = 10$

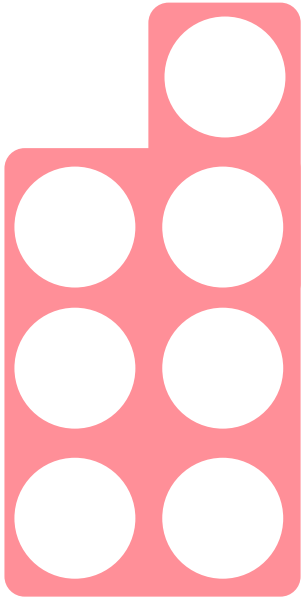
A Bit Stuck?
Shape sums

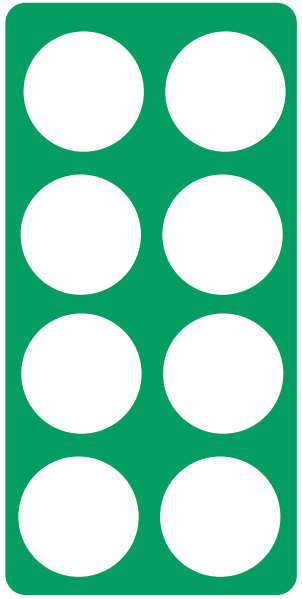


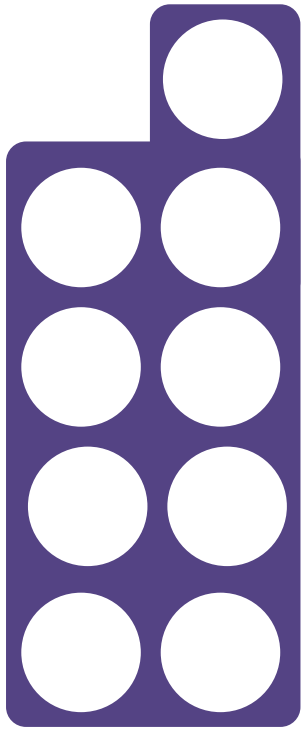


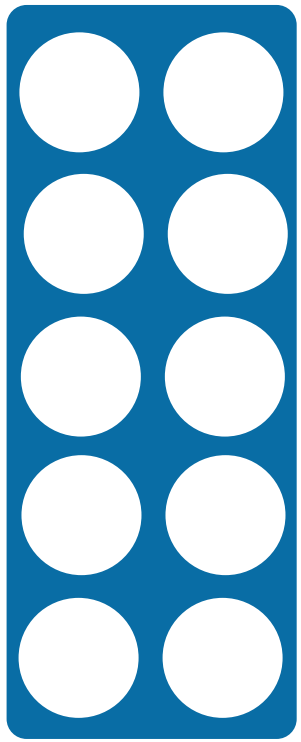








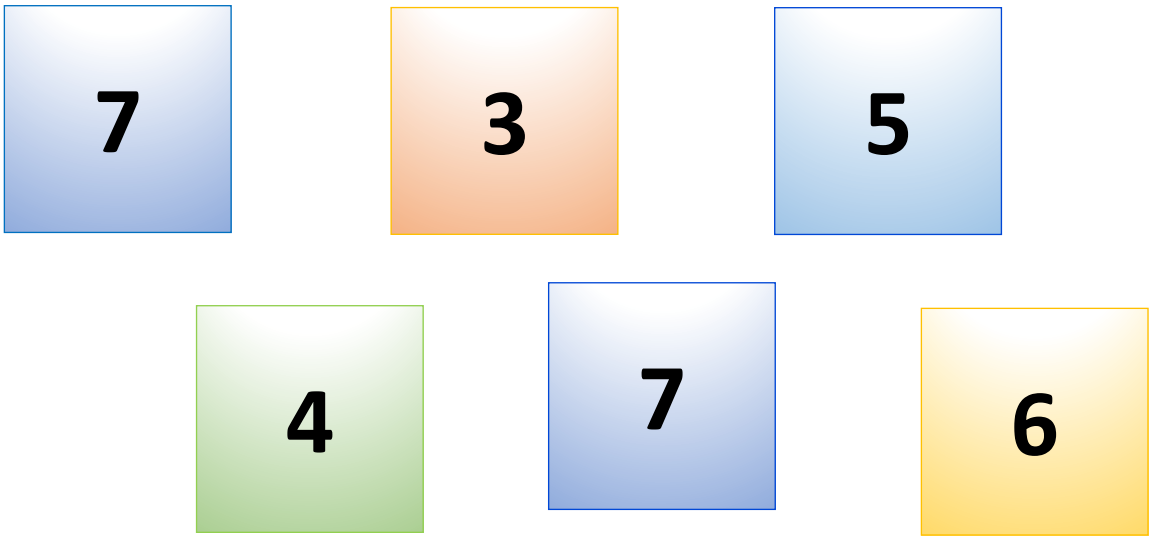




Check your understanding

Questions

Choose 3 number cards.
Choose an efficient strategy to add them (*did you spot a pair that adds to 10, a double…?)*
Write the answer.



Tell me why you added them in that order.

Choose three more and do it again…

Fold here to hide answers

Check your understanding

Answers

Strategies to look for include….

- Number bonds to 10 (e.g. 7 + 3, 6 + 4)
- Using place value to add to 10 (e.g. 10 + 5 = 15)
- Using a double (7 + 7) or near double (5 + 6)
- Counting on from a larger number, e.g. 5 + 3 rather than 3 + 5.