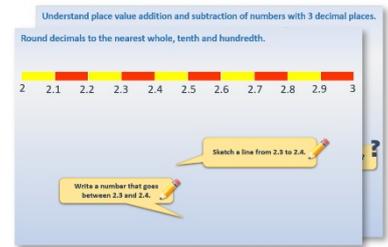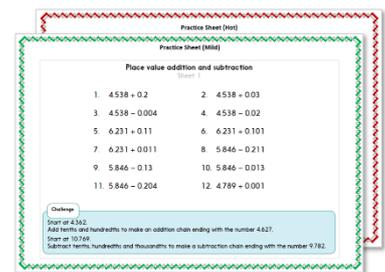# Week 9, Day 2
Add and subtracting using number facts

Each day covers one maths topic. It should take you about 1 hour or just a little more.
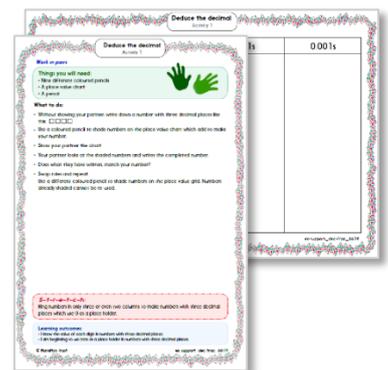
1. Start by reading through the **Learning Reminders**.
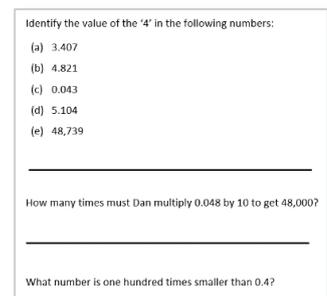   They come from our *PowerPoint* slides.

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

Add or subtract 1-digit numbers to/from 2-digit numbers using number facts or patterns.

$4 + 5 = 9$

$14 + 5 = 19$

$24 + 5 = 29$

$34 + 5 =$

$44 + 5 =$

Answer these questions. Remember to use the fact from the first calculation to help.

Learning Reminders

Add or subtract 1-digit numbers to/from 2-digit numbers using number facts or patterns.

$7 - 3 =$ 4

$17 - 3 =$ 14

$27 - 3 =$ 24

$37 - 3 =$

$47 - 3 =$

Answer these questions. Remember to use the fact from the first calculation to help.

Learning Reminders

Add or subtract 1-digit numbers to/from 2-digit numbers using number facts or patterns.

$$34 - 2 = 32$$

What number fact helps us to calculate this answer?

$$4 - 2 = 2$$

$$26 + 3 = 29$$

What number fact helps us to calculate this answer?

$$6 + 3 = 9$$

Practice Sheet Mild
Patterns in number sentences

Use the number patterns to answer these addition and subtraction number sentences.

5 + 4 =

15 + 4 =

25 + 4 =

....

7 − 2 =

17 − 2 =

27 − 2 =

....

6 + 3 =

16 + 3 =

26 + 3 =

....

8 − 4 =

18 − 4 =

28 − 4 =

....

9 − 5 =

19 − 5 =

29 − 5 =

....

3 + 4 =

13 + 4 =

23 + 4 =

33 + 4 =

....

Practice Sheet Hot
Patterns in number sentences

Use the patterns to answer these addition and subtraction number sentences.

3 + 4 =

13 + 4 =

23 + 4 =

33 + 4 =

43 + 4 =

....

....

4 + 5 =

14 + 5 =

24 + 5 =

34 + 5 =

44 + 5 =

....

....

8 − 5 =

18 − 5 =

28 − 5 =

38 − 5 =

48 − 5 =

....

....

2 + 6 =

12 + 6 =

22 + 6 =

32 + 6 =

42 + 6 =

....

....

9 − 4 =

19 − 4 =

29 − 4 =

39 − 4 =

49 − 4 =

59 − 4 =

....

....

3 + 3 =

13 + 3 =

23 + 3 =

33 + 3 =

43 + 3 =

53 + 3 =

....

....

Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton

Practice Sheets Answers

Patterns in number sentences (mild)

5 + 4 = 9   7 − 2 = 5
15 + 4 = 19   17 − 2 = 15
25 + 4 = 29   27 − 2 = 25
35 + 4 = 39   37 - 2 = 35

6 + 3 = 9   8 − 4 = 4
16 + 3 = 19   18 − 4 = 14
26 + 3 = 29   28 − 4 = 24
36 + 3 = 39   38 - 4 = 34

9 − 5 = 4   3 + 4 = 7
19 − 5 = 14   13 + 4 = 17
29 − 5 = 24   23 + 4 = 27
39 - 5 = 34   33 + 4 = 37
                   43 + 4 = 47

Patterns in number sentences (hot)

3 + 4 = 7   4 + 5 = 9
13 + 4 = 17   14 + 5 = 19
23 + 4 = 27   24 + 5 = 29
33 + 4 = 37   34 + 5 = 39
43 + 4 = 47   44 + 5 = 49
53 + 4 = 57   54 + 5 = 59
63 + 4 = 67   64 + 5 = 69

8 − 5 = 3   2 + 6 = 8
18 − 5 = 13   12 + 6 = 18
28 − 5 = 23   22 + 6 = 28
38 − 5 = 33   32 + 6 = 38
48 − 5 = 43   42 + 6 = 48
58 − 5 = 53   52 + 6 = 58
68 − 5 = 63   62 + 6 = 68

9 − 4 = 5   3 + 3 = 6
19 − 4 = 15   13 + 3 = 16
29 − 4 = 25   23 + 3 = 26
39 − 4 = 35   33 + 3 = 36
49 − 4 = 45   43 + 3 = 46
59 − 4 = 55   53 + 3 = 56
69 − 4 = 65   63 + 3 = 66
79 − 4 = 75   73 + 3 = 76
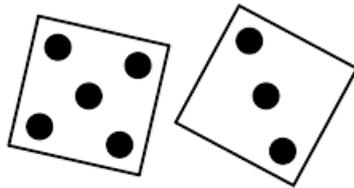
A Bit Stuck?
Dicey Subtractions

Things you will need:
- 1-6 dice
- Pencil and paper

What to do:

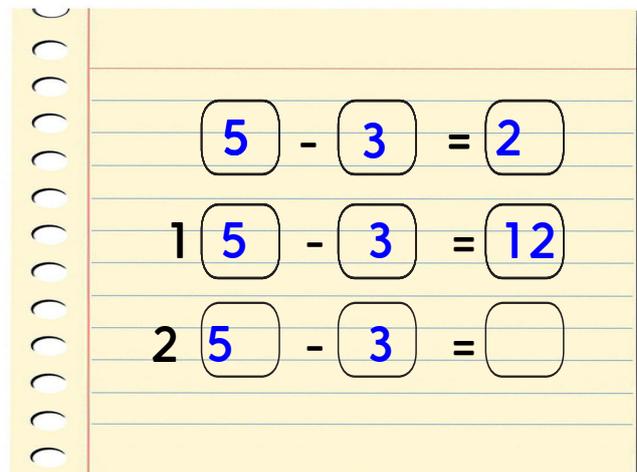1. Roll a dice twice and take the smaller number away from the bigger number.

2. Find the difference, e.g.

   $\boxed{5}$ – $\boxed{3}$ = $\boxed{2}$

3. Use the same numbers to complete these subtractions.
   Remember you can use your first answer to find out all the other answers!

   $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   1 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   2 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   3 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   4 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   5 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   $\boxed{5}$ – $\boxed{3}$ = $\boxed{2}$

   1 $\boxed{5}$ – $\boxed{3}$ = $\boxed{12}$

   2 $\boxed{5}$ – $\boxed{3}$ = $\boxed{}$

4. Roll the dice again and repeat with the new pair of numbers.

   $\boxed{}$ – $\boxed{}$ = $\boxed{}$ 3 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   1 $\boxed{}$ – $\boxed{}$ = $\boxed{}$ 4 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

   2 $\boxed{}$ – $\boxed{}$ = $\boxed{}$ 5 $\boxed{}$ – $\boxed{}$ = $\boxed{}$

Check your understanding
Questions

Write the missing numbers in each group of calculations.

5 + 3 = ☐

25 + 3 = ☐

95 + ☐ = 98

☐ + 3 = 68

---

8 – 5 = ☐

98 – 5 = ☐

☐ – 5 = 63

48 – 5 = ☐

Check your understanding
Answers

Write the missing numbers in each group of calculations.

In each set of questions check that children are using the number fact from the initial questions to answer the others in the set rather than counting on or back in 1s.

5 + 3 = 8

25 + 3 = 28

95 + 3 = 98

65 + 3 = 68

---

8 – 5 = 3

98 – 5 = 93

68 – 5 = 63

48 – 5 = 43