

Year 1



Maths WC
01/06/20

Addition and Subtraction



Week Timetable

In Maths this week, we are going to continue looking at **Addition and Subtraction**. We will be using Resources from [Oak National Academy Week 5](#) to help us on our learning journey.

Click here to go to the games page



Click on the lesson you would like to complete:

[Lesson 1](#) – [Monday 1st June](#)

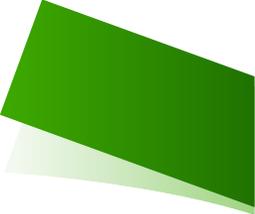
[Lesson 2](#) – [Tuesday 2nd June](#)

[Lesson 3](#) – [Wednesday 3rd June](#)

[Lesson 4](#) – [Thursday 4th June](#)

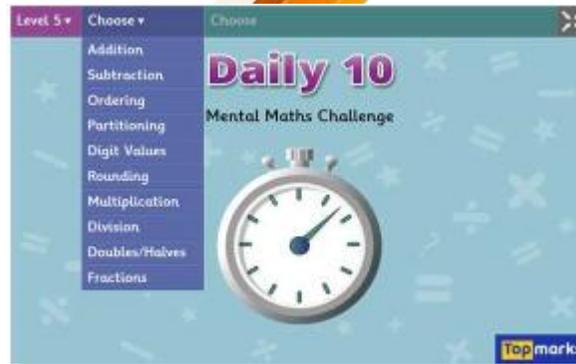
[Lesson 5](#) – [Friday 5th June](#)

Please complete the work in your exercise books and remember to send pictures of your work to your class teachers - we really love seeing how you are getting on!



Games

Here are 5 games that will help consolidate this week's learning. Click on the picture of the game you want to play.



Daily 10

This game is great to do daily to help with mental maths. If you require working with larger numbers go to Level 2.



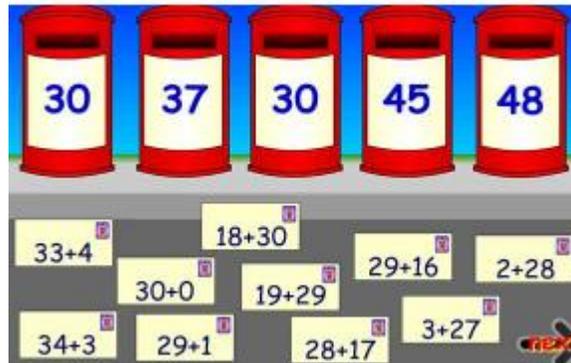
Helicopter Rescue

This game is great for counting on and backwards using a 100 square.



Robot Addition

This game is great for practicing addition and subtraction up to 20 – A useful starting point.



Post Sorting

This game works with looking at solving sums with larger numbers.



Chopper Squad

This game looks at one more and one less as well as ten more and ten less. A useful game to help with fluency.

Return to home page.

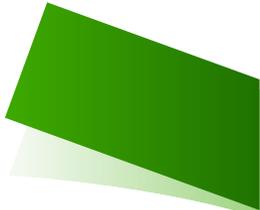
Lesson 1



IT'S
MONDAY
TIME TO
SPARKLE AND SHINE



Start today's
lesson



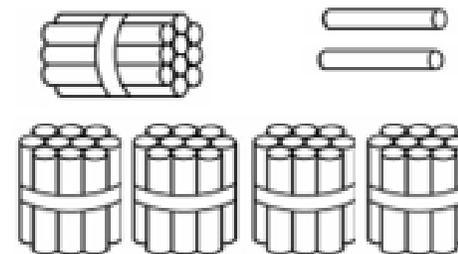
Lesson 1

Fluency

Click here to see
the answers!



1. How many sticks are represented below?



2. Show the number 23 in the place value grid.

Tens	Ones

3. If I have 2 chickens, 2 goats and 2 sheep, how many animals do I have? Can you write the number sentence?

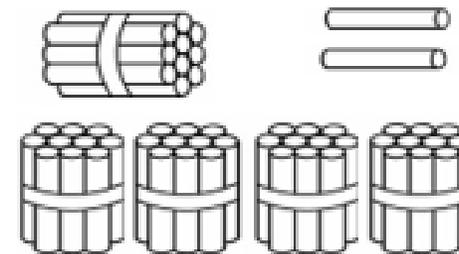
Lesson 1

Fluency Answers

Click to move on
to the next activity



1. How many sticks are represented below?



52

2. Show the number 23 in the place value grid.

Tens	Ones
2	3

3. If I have 2 chickens, 2 goats and 2 sheep, how many animals do I have? Can you write the number sentence?

$$2+2+2 = 6$$

Lesson 1

Please go to <https://www.thenational.academy/year-1/maths/to-apply-knowledge-of-number-bonds-year-1-wk5-1> and click on Start lesson. The first lesson is to apply knowledge of number bonds.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



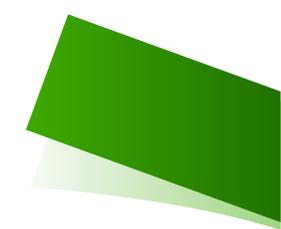
Star Words!



Add
Subtract
Part
Whole



Next Slide

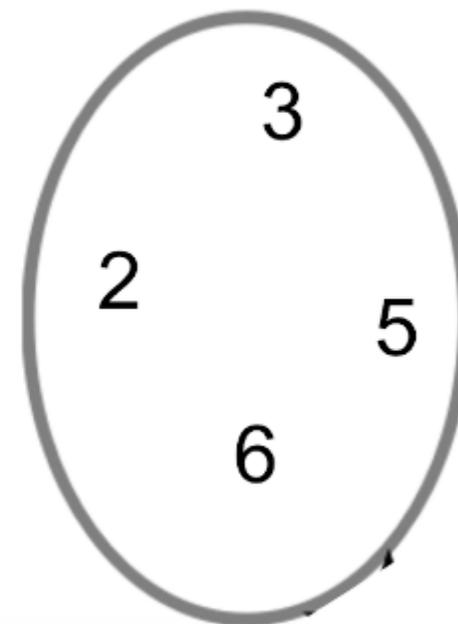
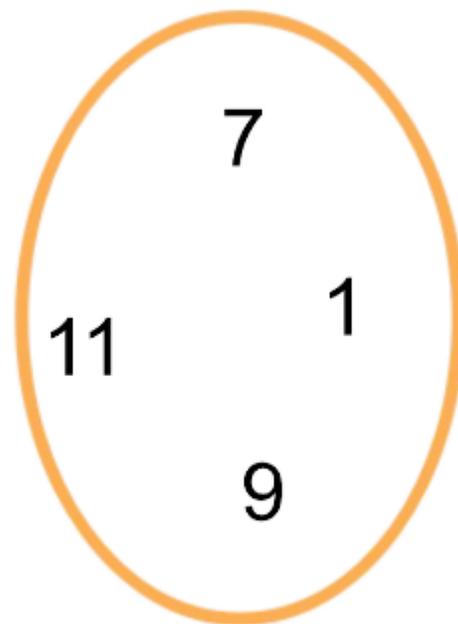
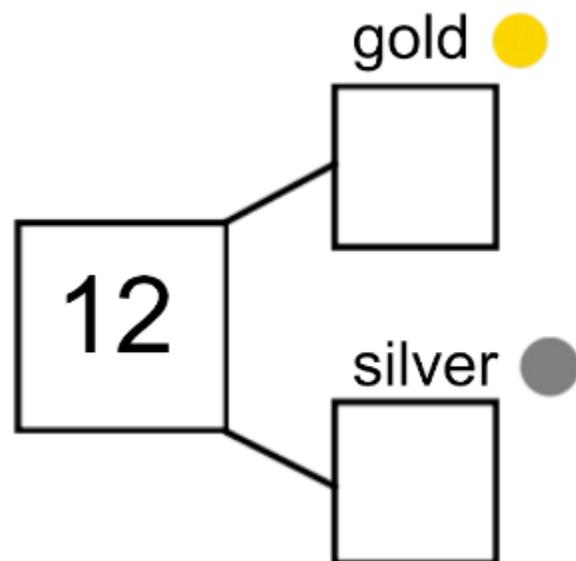


Lesson 1

Further Challenges

Independent Task

Task 1



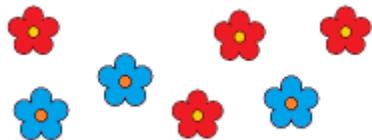
Challenge: what if there were 24 coins in total? What are the different possibilities?

You can mix numbers from both circles, use numbers from the same circle and you can use numbers twice.

Lesson 1

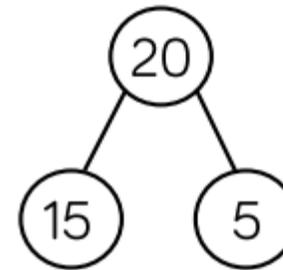
Here is an additional Maths challenge to extend your learning!

1. Can you think of a number sentence to describe these flowers?

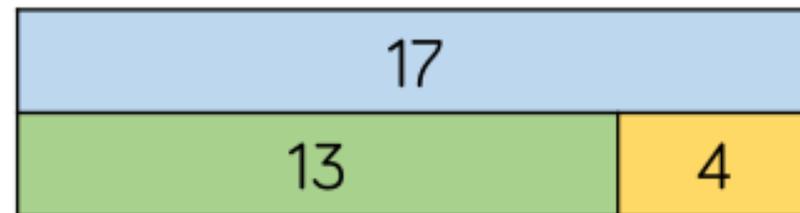


Reasoning

2. There are 4 different number sentences that you can create from this part-whole model. Can you find them all?



3. There are 4 different number sentences that you can create from this bar model. Can you find them all?



Lesson 1

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1. Here is an incomplete bar model. The total is greater than 10 but less than 20. What could the missing numbers be? How many different combinations can you find?



2.

$$\begin{array}{l} 8 - 5 = 3 \\ 8 - 3 = 5 \\ 8 = 5 - 3 \\ 3 = 8 - 5 \end{array}$$

Rosie says,



Ron disagrees.

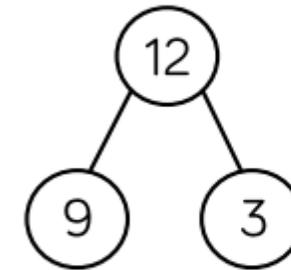
Who is correct? Can you prove it?

I think that all of these facts are correct because the numbers are related

3. Which of the representations are equivalent to the bar model?

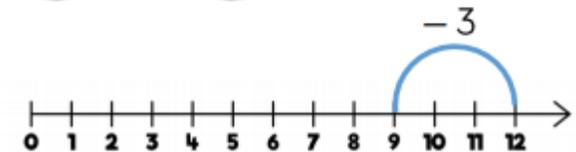


$$12 = 9 + 3$$



There are 9 cars in a car park, 3 cars leave.

$$9 - 3 = 12$$



Next Slide

Lesson 1

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 2

Smile on
TUESDAY



Start today's
lesson

Lesson 2

Fluency

Click here to see
the answers!



1. What is 10 less than 43?

2. What 2D and 3D shapes can you spot on this picture of a party hat?



3. What is this?



Lesson 2

Fluency Answers

Click to move on
to the next activity



1. What is 10 less than 43?

33

2. What 2D and 3D shapes can you spot on this picture of a party hat?



The hat is a cone.
There are also circles and rectangles.

3. What is this?



Money - One
pound or £1

Lesson 2



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.

Please go to <https://www.thenational.academy/year-1/maths/to-add-two-digit-numbers-to-ones-year-1-wk5-2> and click on Start lesson. The second lesson is adding two-digit numbers to ones.

Star Words!

Number bonds

Add

Subtract

Dienes

Tens

Ones

Next Slide

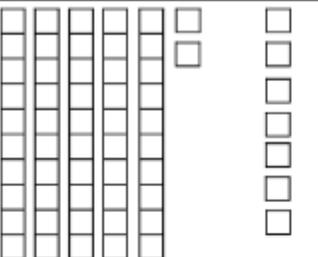
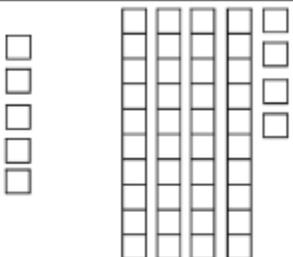
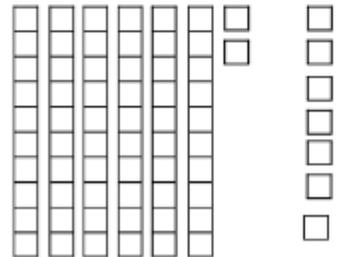
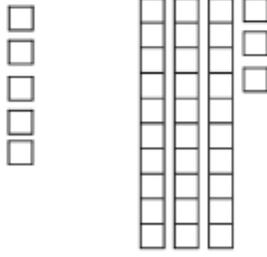
Lesson 2

Task

Independent Task

Complete the number sentences using the pictorial representations to help you.

Challenge

 $52 + 7 = \square$	 $\square = 5 + 44$
 $62 + 7 = \square$	 $5 + 33 = \square$

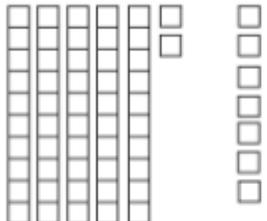
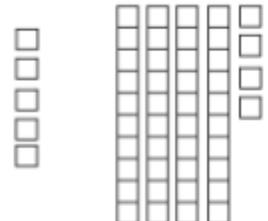
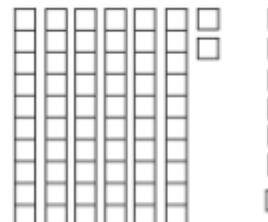
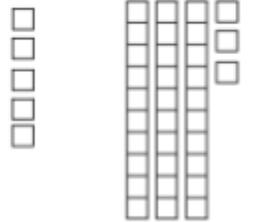
Lesson 2

Challenge

Here is an additional Maths challenge to extend your learning!

What's the same?

What's different?

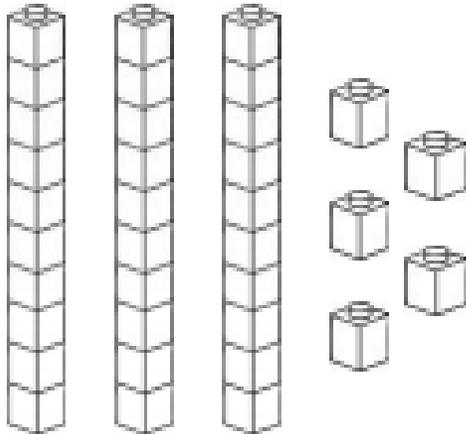
 $52 + 7 = 59$	 $49 = 5 + 44$
 $62 + 7 = 69$	 $5 + 33 = 38$

Reasoning

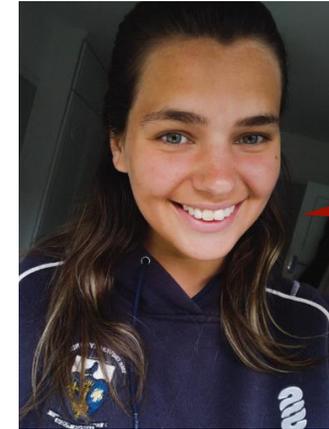
Lesson 2

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1. Mr Hollis was collecting cubes, He added another 8 cubes to his pile. This is what his collection looks like now. How many did he start with?



- 
2. Miss Newman has a secret number. If you add 7 to her number, you get 16. Can you guess her secret number?



What's my secret number?



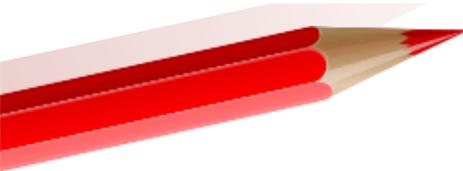
Next Slide

Lesson 2

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

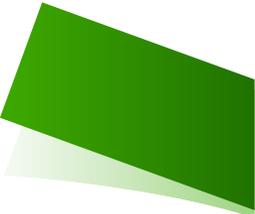
Lesson 3



HELLO
Wednesday

The central graphic features the text 'HELLO Wednesday' in a black, hand-drawn style. 'HELLO' is written in a simple, uppercase font on a black banner, while 'Wednesday' is in a larger, cursive script. The text is surrounded by radiating black lines, light blue triangles, and yellow vertical dashes, creating a celebratory effect.

Start today's
lesson



Lesson 3

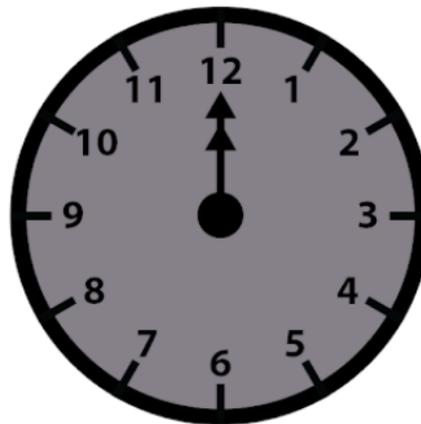
Fluency

Click here to see
the answers!



1. What is one less than 79?

2. What time is it?



3. Complete the number sentence.

$$17 - 12 = \underline{\quad}$$

Lesson 3

Fluency Answers

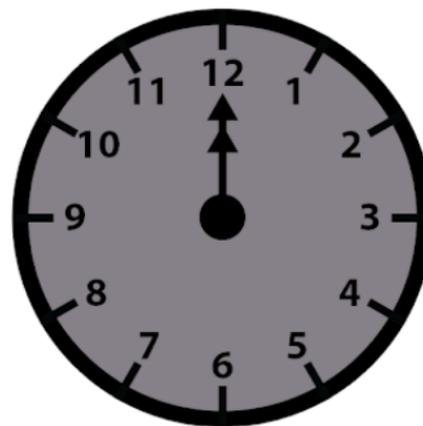
Click to move on
to the next activity



1. What is one less than 79?

78

2. What time is it?



The time 12
O'clock

3. Complete the number sentence.

$$17 - 12 = 5$$

Lesson 3

Please go to <https://www.thenational.academy/year-1/maths/to-subtract-two-digit-numbers-and-ones-year-1-wk5-3> and click on Start lesson. The third lesson is to subtract two-digit numbers and ones.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Subtract

Take away

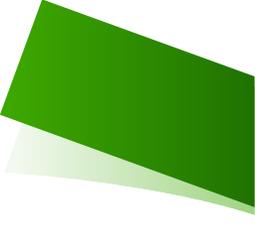
Difference between

Part

Whole



Next Slide

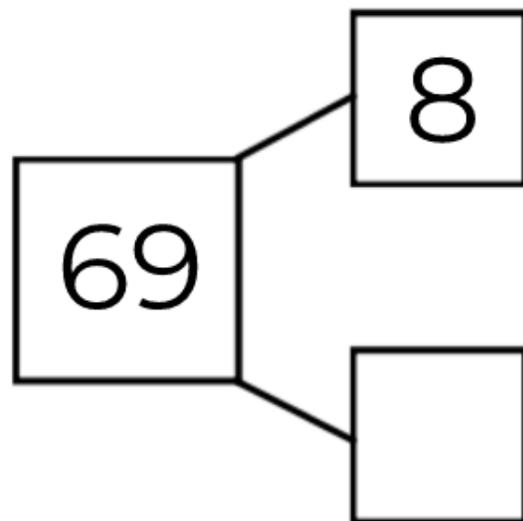


Lesson 3

Independent Task

Task 1

Complete the part-whole method and the corresponding number sentences.



$$69 - 8 = \square$$

$$69 - \square = 61$$

$$\square - 8 = 61$$

Task 2

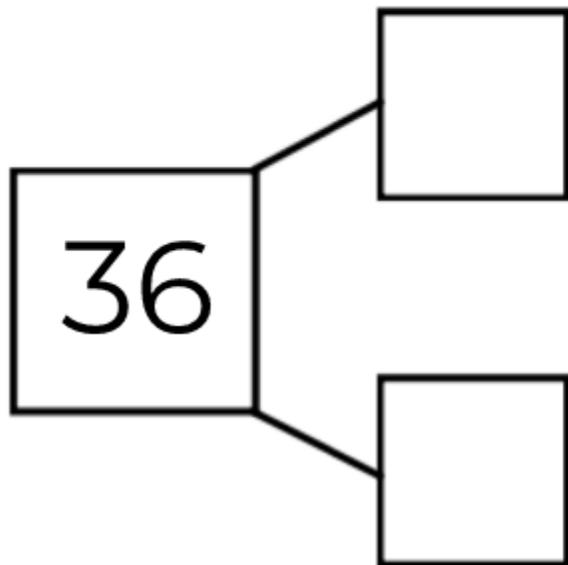
Can you spot a pattern?

Lesson 3

Independent Task

Task 2

Complete the part-whole method and the corresponding number sentences.




$$\square = 36 - 4$$

$$32 = 36 - \square$$

$$32 = \square - 4$$

Further Challenges
and reasoning

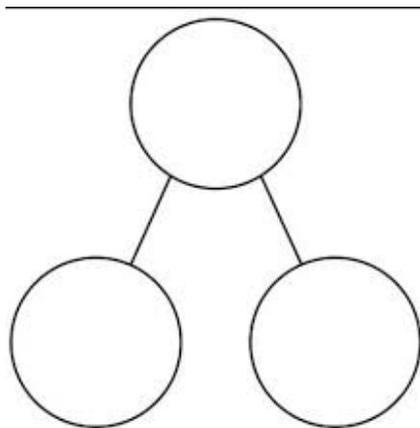
Can you spot a
pattern?

Lesson 3

On this page you have some further questions and reasoning questions to answer. Remember to explain your answers using full sentences,

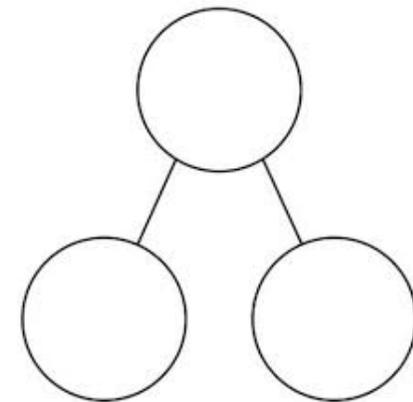
1. Complete the number sentence and put the numbers into the part-whole model.

$$\square - 4 = 53$$

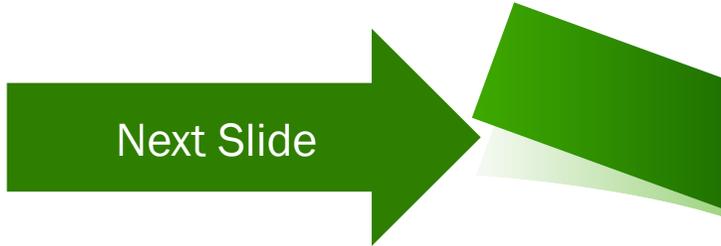


2. Complete the number sentence and put the numbers into the part-whole model.

$$19 = \square - 3$$



3. Miss Harding had 64 counters but dropped 5 on the floor. She thinks she has 69 now. Is she correct? Can you prove your answer?



Next Slide

Lesson 3

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 4



THINKING
THURSDAY



Start today's
lesson

Lesson 4

Fluency

Click here to see
the answers!



1. What is half of 16?

2. What comes next?

5, 10, 15, 20, _____

3. Complete the number sentence.

8 + 3 = _____

Lesson 4

Fluency Answers

Click to move on
to the next activity



1. What is half of 16?

8

2. What comes next?

5, 10, 15, 20, 25

3. Complete the number sentence.

8 + 3 = 11

Lesson 4

Please go to <https://www.thenational.academy/year-1/maths/to-add-two-digit-numbers-to-ones-with-regrouping-year-1-wk5-4> and click on Start lesson. The fourth lesson is adding two digit numbers to ones with regrouping.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Add

Dienes

Group of ten

Ones

Make ten

Regroup

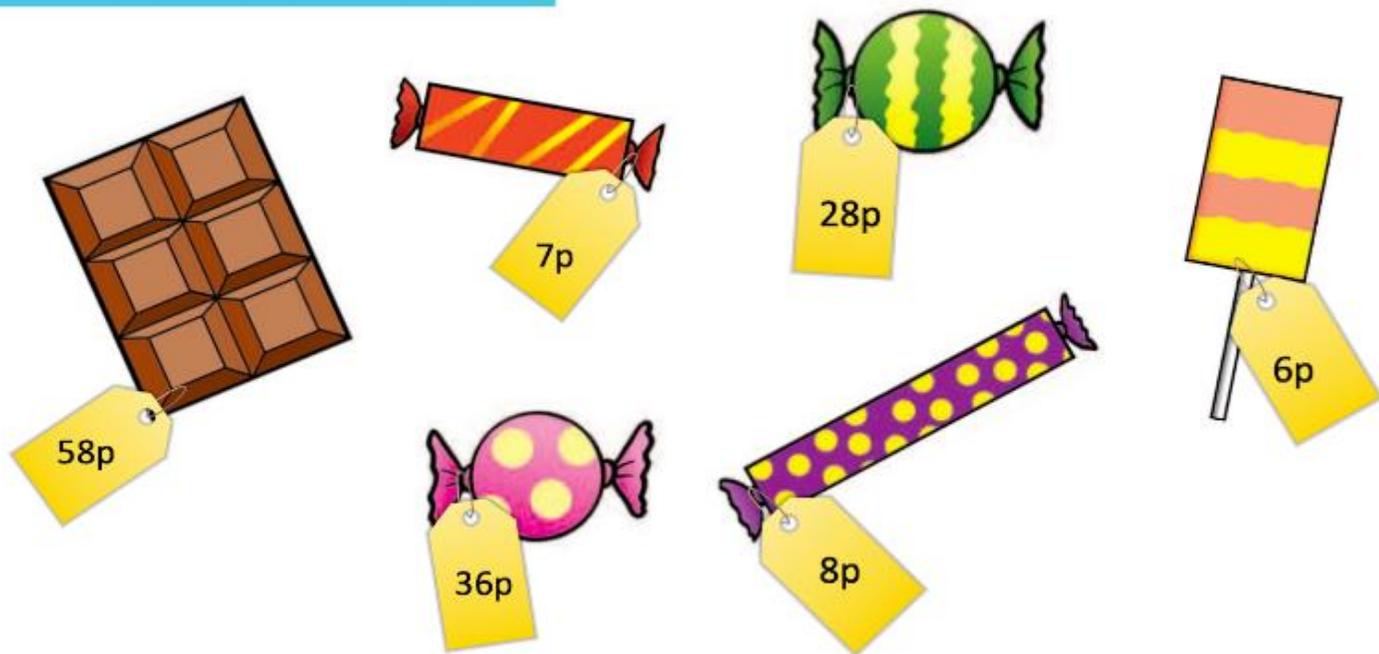


Next Slide

Lesson 4

Independent Task

Task 1



How much do these children spend?

1.  buys  and 
2.  buys  and 
3.  buys  and 

What would you buy?
How much would it cost?

Further Challenges
and reasoning

Lesson 4

On this page you have some further questions and reasoning questions to answer. Remember to explain your answers using full sentences,

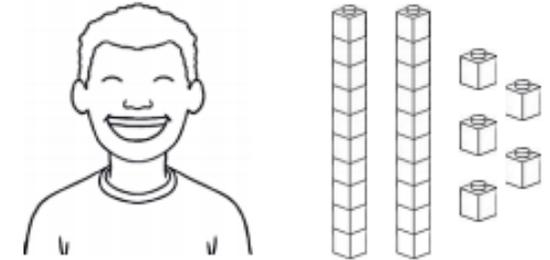
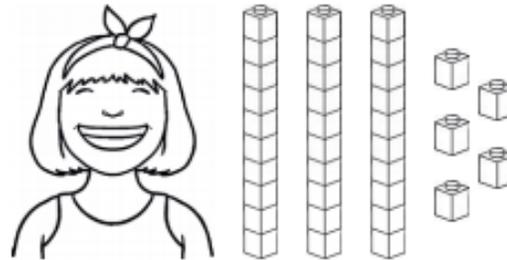
1. Find 3 different ways to do this.

$$\square + \square = 11$$

$$\square + \square = 11$$

$$\square + \square = 11$$

2. Holly makes a number. Harry also makes a number. When they add their numbers together they get 59. Do you agree? Explain your thinking.



3. When you add two odd numbers together you always get an even number.

Is this correct? Prove it!

What happens when you add three odd numbers together?

What about two even numbers?

Next Slide

Lesson 4

You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

Lesson 5



Start today's
lesson

Lesson 5

Fluency

Click here to see
the answers!



1. What is double 35?

2. How many tens are in 60?

3. Complete the number sentence.

$$\underline{\quad} + 5 = 18$$

Lesson 5

Fluency Answers!

Click to move on
to the next activity



1. What is double 35?

70

2. How many tens are in 60?

6

3. Complete the number sentence.

$$\underline{13} + 5 = 18$$

Lesson 5

Please go to <https://www.thenational.academy/year-1/maths/to-subtract-two-digit-numbers-and-ones-with-regrouping-year-1-wk5-5> and click on Start lesson. The fifth lesson is subtracting two-digit numbers and ones with regrouping.



Work through the lesson, pausing at various points to answer any questions. Please write any answers down in your exercise books.



Star Words!



Subtract

Dienes

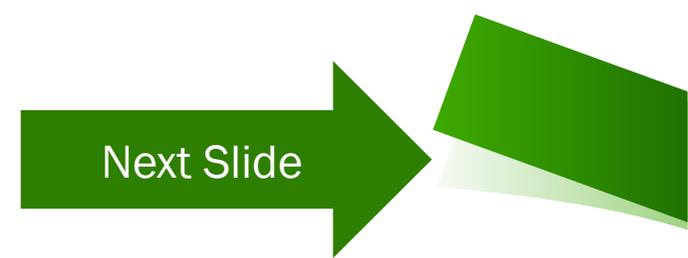
Group of ten

Ones

Make ten



Regroup

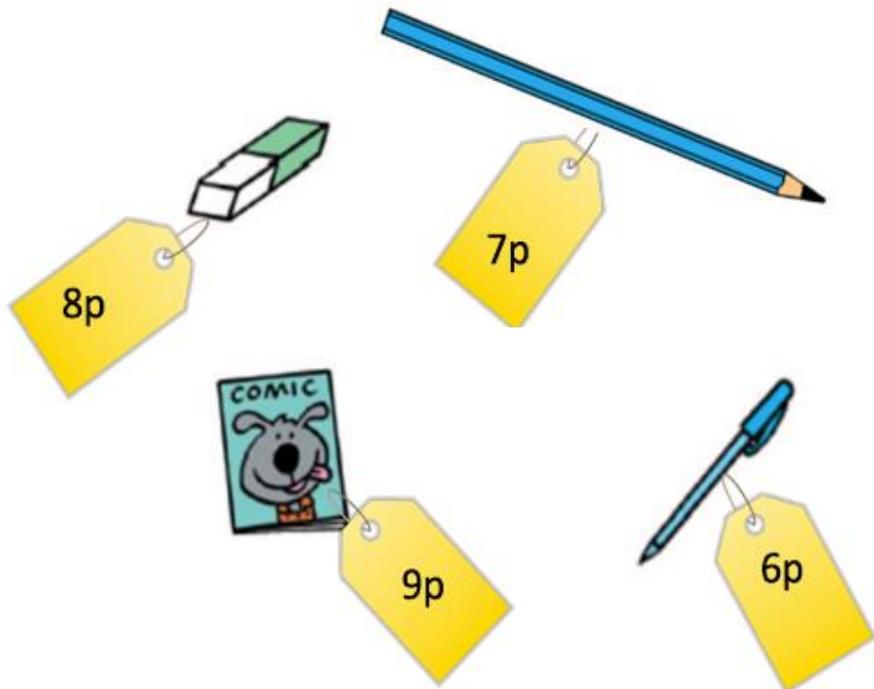


Next Slide

Lesson 5

Independent Task

Task 1



Further Challenges
and reasoning

How much do these children have left?

1.  has 52 pence and buys 
2.  has 74 pence and buys 
3.  has 21 pence and buys 

Now it's your turn! Start with 40 pence.

What would you buy?

Would you have any change left?

Lesson 5

On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1. Find 3 different ways to complete the number sentence.

$$30 - \underline{\quad} = \underline{\quad}$$

$$30 - \underline{\quad} = \underline{\quad}$$

$$30 - \underline{\quad} = \underline{\quad}$$



2. There were 52 people on a train.



17 people got off at Chipstead Station.

6 people got on at Woodmansterne Station.

How many people are on the train now?

Now make your own question like the one above and challenge someone in your house to work it out – make sure you know the answer so you can mark it!

Next Slide

Lesson 5

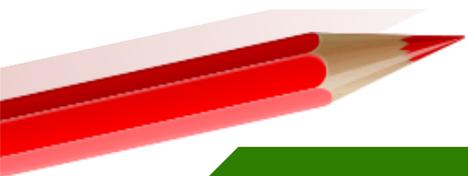
You have completed
today's Maths lesson –
Well done for working so
hard!

Click here to go
back to the main
menu

100 Square

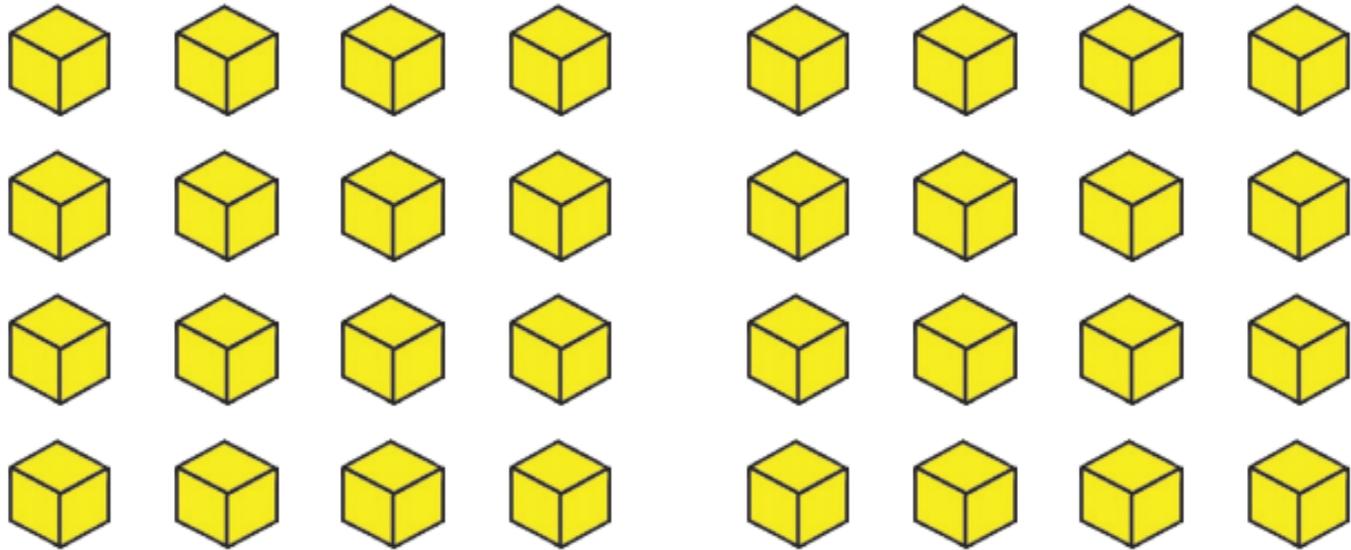


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

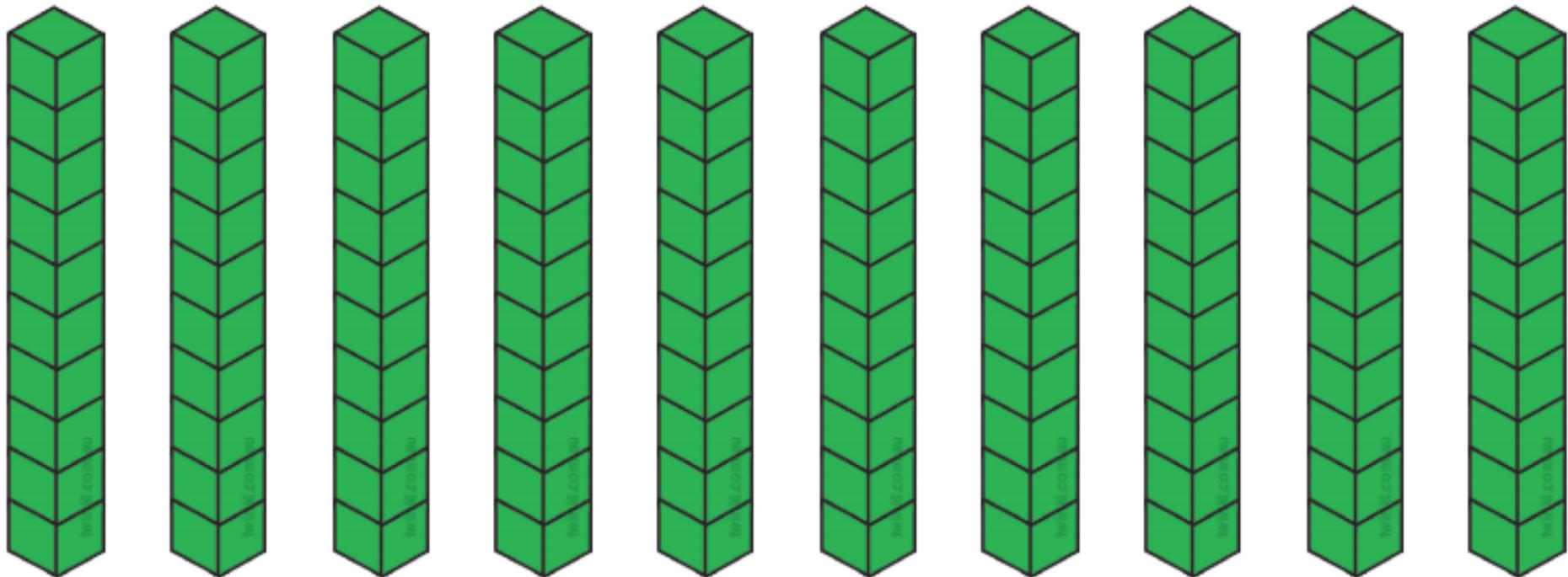


Click here to go
back to the main
menu

Dienes Cut Outs



Click here to go back to the main menu



0 to 100 Number Line

[Click here to go back to the main menu](#)



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25



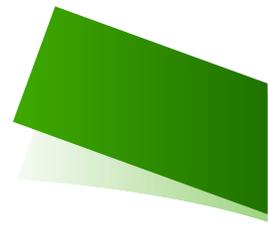
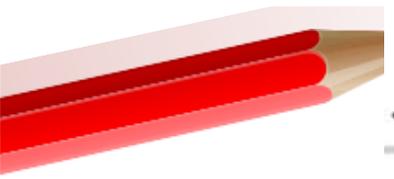
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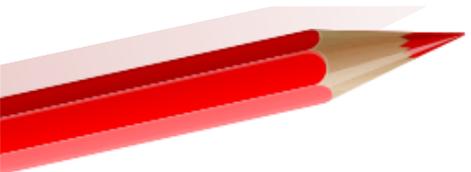
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75



76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



We hope you all...



HAVE A
GREAT
WEEKEND

The Year
1 Team

x