Year 1

Maths WC 18/05/20

Numbers to 100

Week Timetable

In Maths this week, we are going to continue looking at **Numbers to 100.** We will be using Resources from Oak National Academy Week 4 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 18th May

Lesson 2 – Tuesday 19th May

Lesson 3 – Wednesday 20th May

Lesson 4 – Thursday 21st May

Lesson 5 – Friday 22nd May

Optional Maths Challenge

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.

Place Value Basketball
This game helps you to get familiar with dienes.

Helicopter Rescue
This game is great for getting more familiar with a hundred square.

Blast Off
This game is great for practicing counting forwards and backwards and identifying numbers to 100.

Number line
This game can be quite tricky but helps you get more familiar with placing numbers on a number line.

Chopper Squad
This game looks at one more and one less as well as ten more and ten less.

Lesson 1

Start today's lesson

Lesson 1

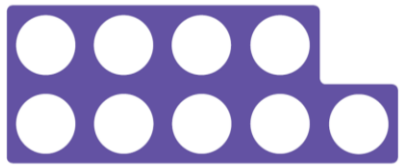
Fluency

1. Complete the place value grid for the number 52.

Tens	Ones

2. What 2D shape has 3 sides and 3 vertices?

3. What number does this represent?



Click here to see the answers!

Lesson 1

Fluency Answers

1. Complete the place value grid for the number 52.

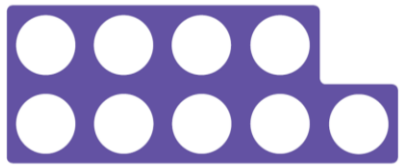
Tens	Ones
5	2

2. What 2D shape has 3 sides and 3 vertices?

A triangle

3. What number does this represent?

9



Click to move on to the next activity

Lesson 1

Please go to https://www.thenational.academy/year-1/maths/to-compare-numbers-within-100-on-a-number-line-year-1-wk4-1 and click on Start lesson. The first lesson is to compare numbers within 100 on a number line.

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

Star Words!

Greater than

Less than

Equal to

Value

Most

Least

Compare

Next Slide

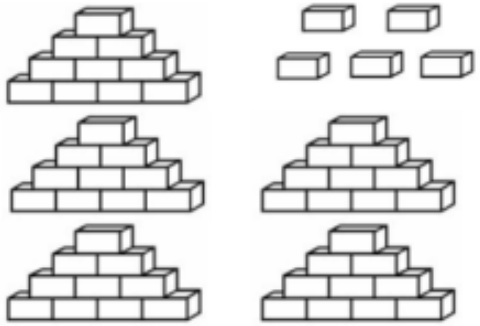
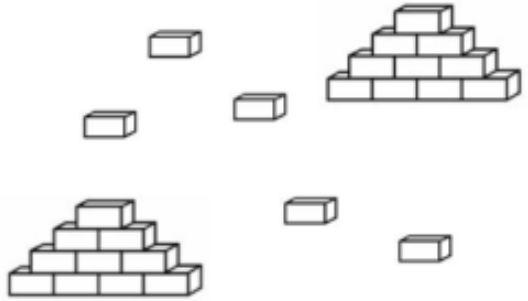
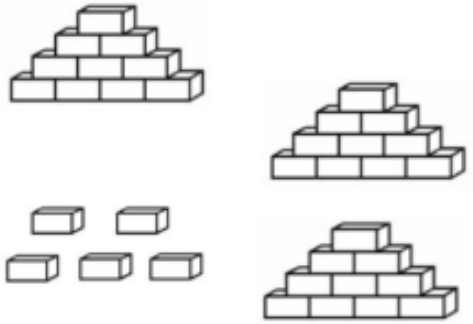
Lesson 1

Task 2

Click here for a 0-100 number line, jumping in 1s, that may help with your independent tasks.

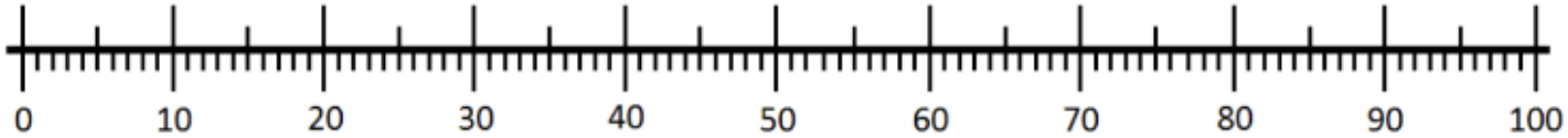
Task

Complete the sentences by counting the number of bricks.

		
Alan has _____ bricks.	Bert has _____ bricks.	Charlie has _____ bricks.

Who has the most bricks? _____

Who has the fewest bricks? _____

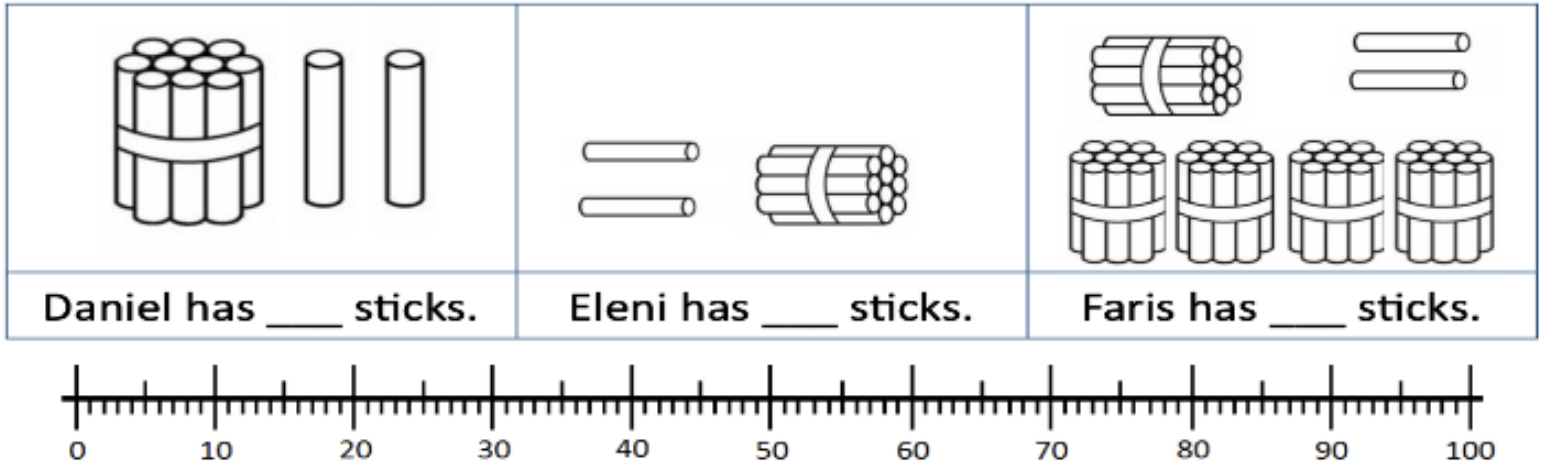


Lesson 1

Further Challenges

Task

Complete the sentences by counting the number of sticks.
Then, tick the true statements.



Tick the **true** statements.

- Eleni has fewer sticks than anyone else. ☐
- Faris has the most sticks. ☐
- Daniel has an equal number of sticks to Eleni. ☐
- ☐

Lesson 1

Here are some Maths challenges to extend your learning!

1. Write down each pair of numbers in a place value grid.
   Then, explain which is the greater number by using your knowledge of tens and ones.

a) 78 and 61

Tens	Ones

Tens	Ones

b) 90 and 89

Tens	Ones

Tens	Ones

c) 64 and 92

Tens	Ones

Tens	Ones

Reasoning

Lesson 1

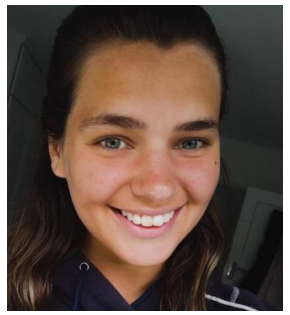
On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

1.

- Less than 69 _____
- Greater than 79 _____
- Greater than 69 but less than 79 _____

Click here to see a 100 square

2. Miss Newman and Miss Harding have some number cards.



Miss Newman

1 2 4

Miss Harding

3 5 6

They both use two of their cards to make two-digit numbers.

Miss Newman's number is bigger than Miss Harding's number.

What could their numbers be? How many answers can you find?

_____

_____

_____

_____

_____

_____

_____

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

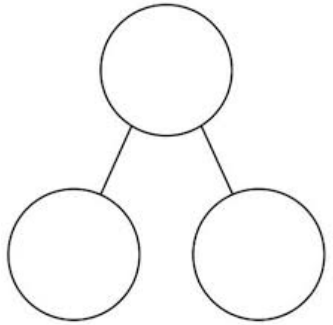
Start today's lesson

Lesson 2

Fluency

1. What is 10 less than 45?

2. Can you put the number 76 into a part-whole model?



3. What is this?

Click here to see the answers!

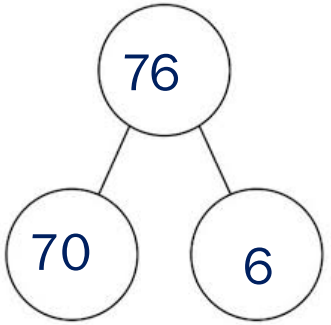
Lesson 2

Fluency Answers

1. What is 10 less than 45?

35

2. Can you put the number 76 into a part-whole model?



3. What is this?

Money - One penny or 1p

Click to move on to the next activity

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-compare-numbers-within-100-on-a-place-value-chart-year-1-wk4-2 and click on Start lesson. The second lesson is comparing numbers within 100 using a place value grid.

Next Slide

Lesson 2

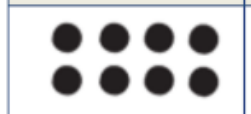
Look at the place value grid to complete the missing numbers. Then compare the two numbers you have found.

Don't worry that these counters are black rather than green and yellow – they still represent the same amounts.

Further Challenges

Task

Click here to find some printable dienes to use.

tens	ones
	

=

tens	ones
	1
7	

☐ is **less** than ☐

tens	ones

=

tens	ones
4	5

☐ is **less** than ☐

tens	ones

=

tens	ones

☐ is **greater** than ☐

Reasoning

Lesson 2

Here is an additional Maths challenge to extend your learning!

Draw counters on the place value grid to complete it.
Then, complete the stem sentences to compare the two numbers.

The final question is missing the tens and ones chart as well as the place value chart. Can you fill in the missing blanks?

tens	ones

=

tens	ones
5	6
3	2

☐ is **greater** than ☐

tens	ones

=

tens	ones
9	1
8	4

☐ is **less** than ☐

tens	ones

=

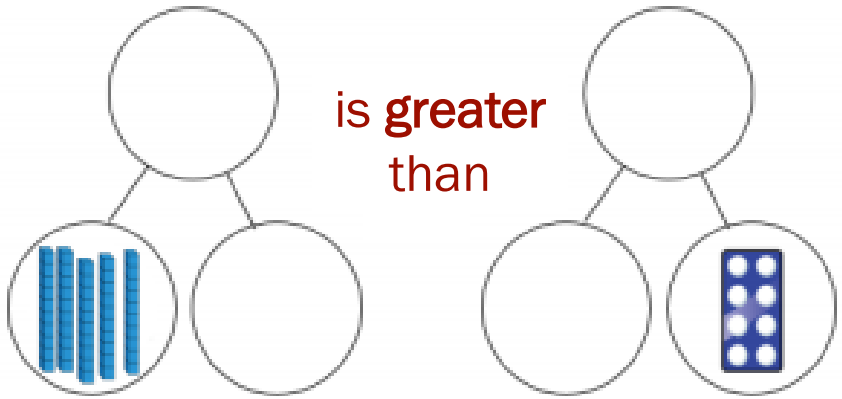
tens	ones

72 is **greater** than 70

Lesson 2

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

1. Complete the part-whole model to make the statement correct.



is **greater** than

2. Mr Hollis says there are only 3 ways to make the statement below correct.

Tens	Ones
5	

is **less** than

Tens	Ones
	3

Is he correct?

See if you can find more answers than Mr Hollis!

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

Start today's lesson

Lesson 3

Fluency

1. What is one less than 100?

2. What time is it?

3. Complete the number sentence.

20 - 6 = _____

Click here to see the answers!

Lesson 3

Fluency Answers

1. What is one less than 100?

99

2. What time is it?

The time is half past 3

3. Complete the number sentence.

20 - 6 = 14

Click to move on to the next activity

Lesson 3

Please go to https://www.thenational.academy/year-1/maths/to-order-numbers-within-100-year-1-wk4-3 and click on Start lesson. The third lesson is ordering numbers within 100.

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

Star Words!

Greater

Greater value

Less

Least value

Compare

Equal to

Next Slide

Lesson 3

Task

Order the number cards from the **least value to the greatest value**. Draw dienes in the column below to help you.

45	62	31	18	76	92

	Least value					Greatest value
Number						
Dienes						

10

1

Remember a dienes stick represents 10 and the cubes represent 1.

Click here to find some printable dienes to use.

Task 2

Lesson 3

Task

90	12	35	27	71	49

	Greatest value					Least value
Number						
Dienes						

Order the number cards from the **greatest value to the least value.**
Draw dienes in the column below to help you.

Further Challenges and reasoning

Lesson 3

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

1. Put the following numbers in order of greatest value to least value.

   91 25 18 72

2. Put the following numbers in order of least value to greatest value.

   33 0 47 100

3. The numbers in each list are in size order.
   Complete the missing numbers.

65	78		91	99
89	80	72		
		57		

Why did you choose the numbers you did?
Are they the only numbers that could have completed the number tracks?

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

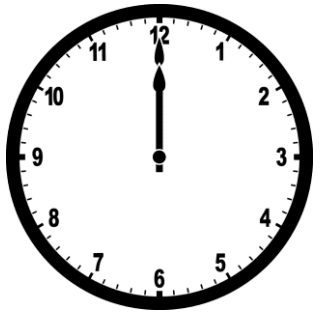
Start today's lesson

Lesson 4

Fluency

1. What is half of 12?

2. What time is it?



3. Complete the number sentence.

14 + 7 = _____

Click here to see the answers!

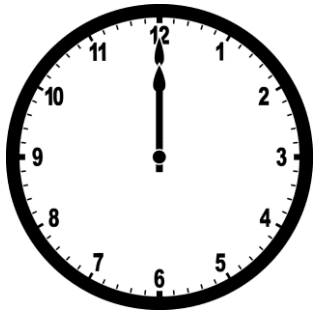
Lesson 4

Fluency Answers

1. What is half of 12?

   6

2. What time is it?



   The time is 12 O'clock

3. Complete the number sentence.

   14 + 7 = 21

Click to move on to the next activity

Lesson 4

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-order-numbers-within-100-year-1-wk4-4 and click on Start lesson. The fourth lesson is continuing to order numbers within 100.

Star Words!

Greater

Greater value

Less

Least value

Compare

Equal to

Next Slide

Lesson 4

Task

Order the number cards from the **least value to the greatest value**. Draw dienes in the column below to help you.

18	25	48	22	71	12

	Least value					Greatest value
Number						
Dienes						

10

1

Remember a dienes stick represents 10 and the cubes represent 1.

Click here to find some printable dienes to use.

Task 2

Lesson 4

Task

37	19	90	95	63	77

	Greatest value					Least value
Number						
Dienes						

Order the number cards from the **greatest value to the least value.**
Draw dienes in the column below to help you.

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. Mo creates a traffic jam using some toy cars on the carpet.
The red car is 3rd from the front.
It is also the 2nd from the back.

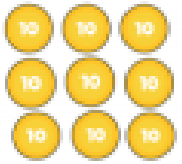
Use some cars or manipulatives to find out how many cars are in the traffic jam.

2. Put these objects in the correct place in the table.

	Most		Least
Counters			
Number Pieces			
Eggs			

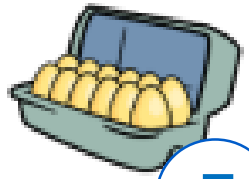
A

B


C

D

E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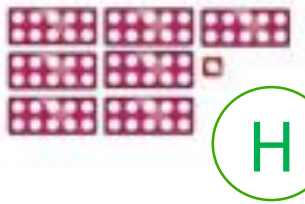
G

Next Slide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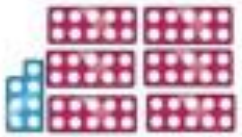
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Lesson 4

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

1. What is double 20?

2. How many tens are in 100?

3. Complete the number sentence.

_____ + 7 = 10

Click here to see the answers!

Lesson 5

Fluency Answers!

1. What is double 20?

40

2. How many tens are in 100?

10

3. Complete the number sentence.

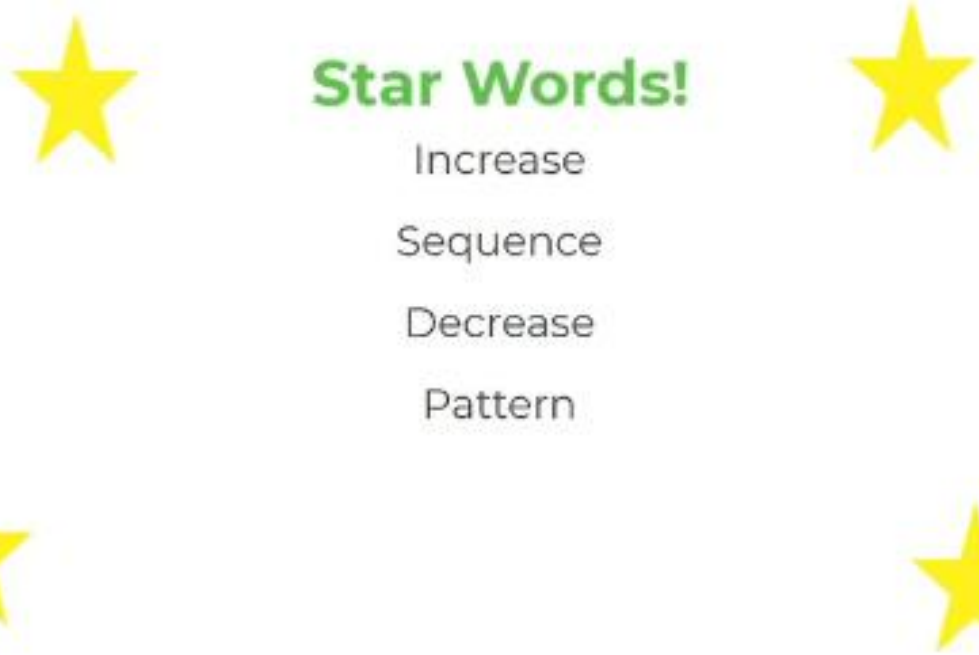
3 + 7 = 10

Click to move on to the next activity

Lesson 5

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-identify-patterns-within-a-sequence-of-numbers-year-1-wk4-5 and click on Start lesson. The fifth lesson is identifying patterns within a sequence of numbers



Next Slide

Task 2

Lesson 5

Task

Find the pattern and complete the missing numbers. Then, write a sentence next to the pattern to explain what is happening.

8 10 12 14 16 ☐

_____

80 70 60 50 40 ☐

_____

Lesson 5

Task

Find the pattern and complete the missing numbers. Then, write a sentence next to the pattern to explain what is happening.

12 10 8 ☐ 4 2

_____

85 75 65 55 45 ☐

_____

Further Challenges and reasoning

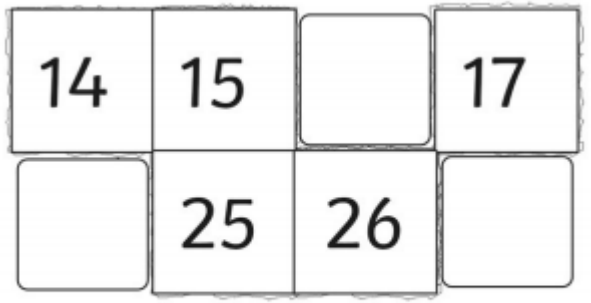
Lesson 5

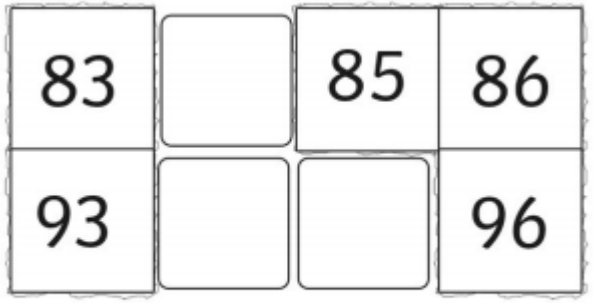
On this page you have some reasoning questions to answer. Remember to explain your answers using full sentences,

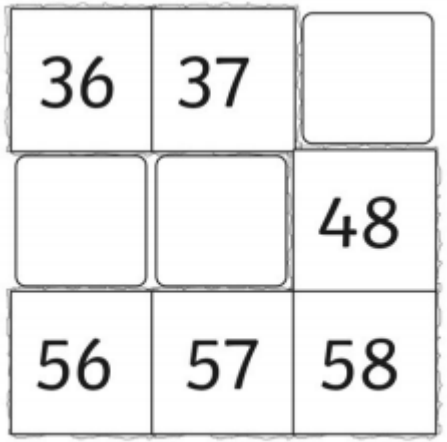
1. Spot the mistake:
   5, 6, 8, 9

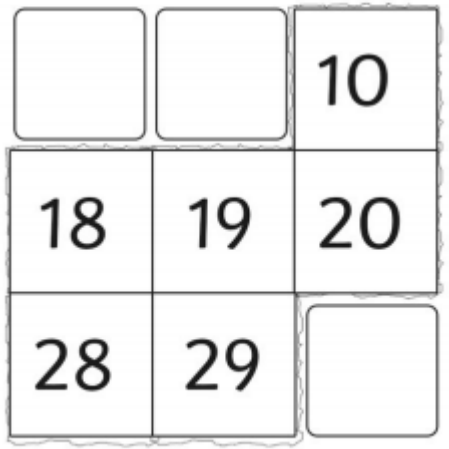
2. I start at 3 and count in 2s, will I say 9? Prove it to me!

3. Fill in the missing numbers in the sections of hundred squares.









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Lesson 5

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

Click here to go back to the main menu

Main Menu

Maths Challenge

This week's optional Maths challenge is called:

'Teddy's Presents'

This follows on from our look at patterns in lesson 5.

HINT

Use counters or cubes to help you keep count!

Teddy's presents

Teddy is seven years old today.

Teddy has seven presents today.
Each year he is given the same number of presents as his age. How many presents has he had since he was born?

Can you write the number sentence to show this?

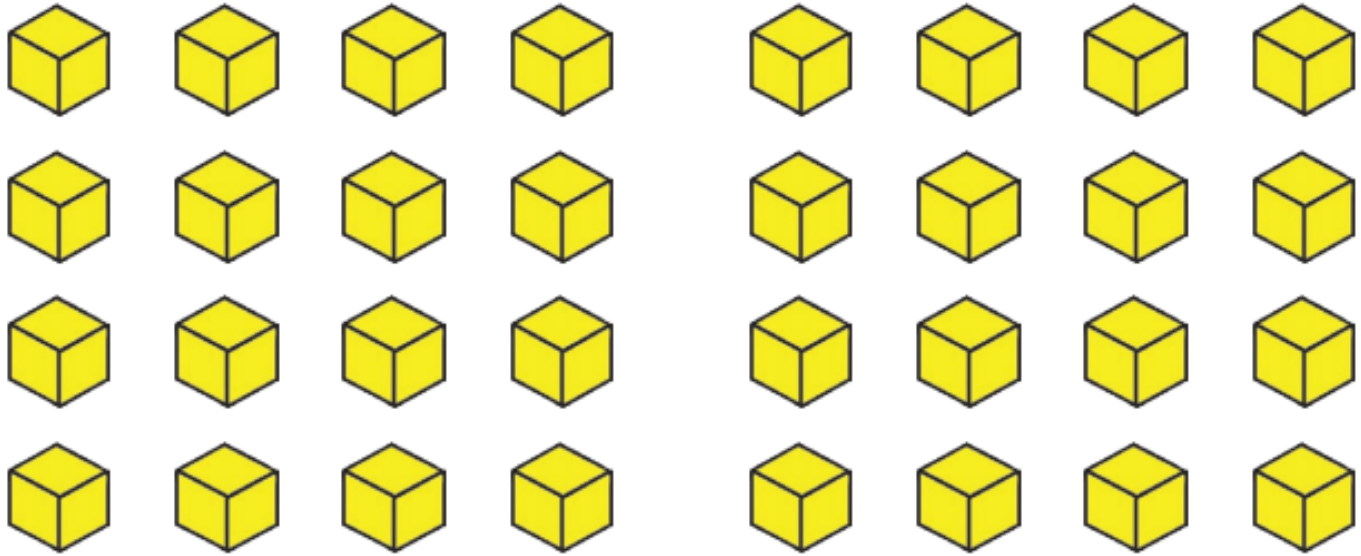
100 Square

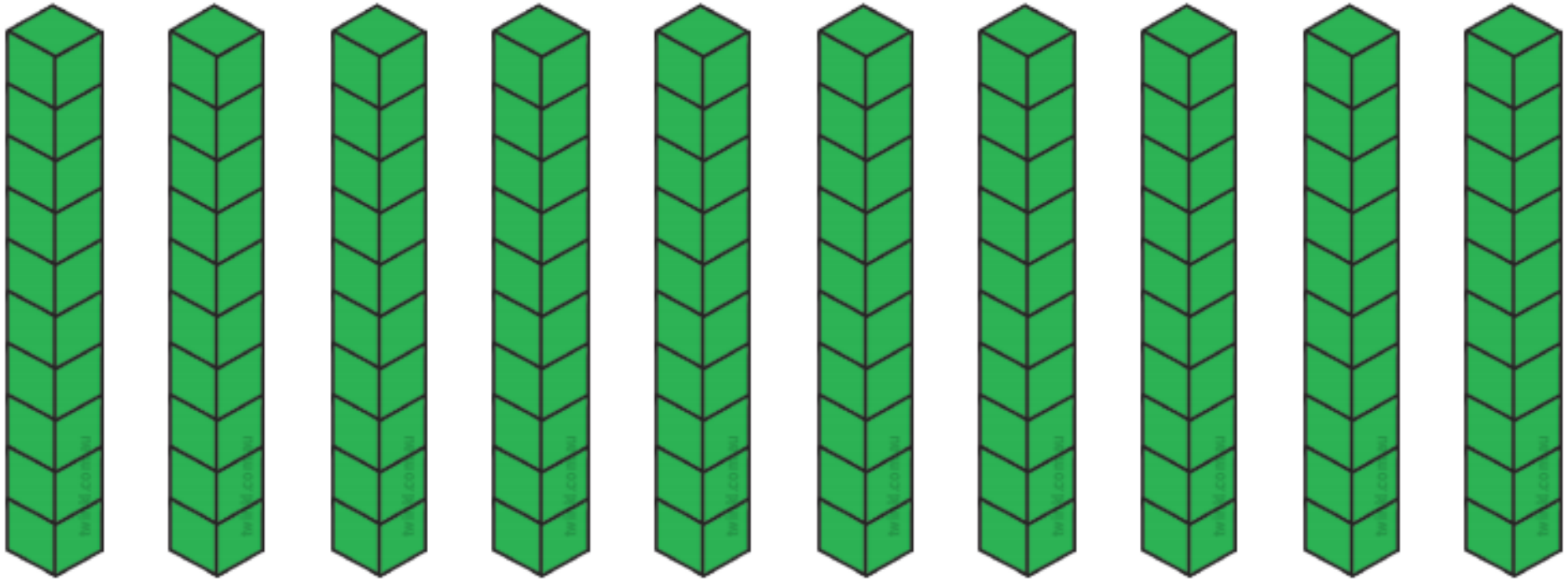
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Click here to go back to the main menu

Dienes Cut Outs

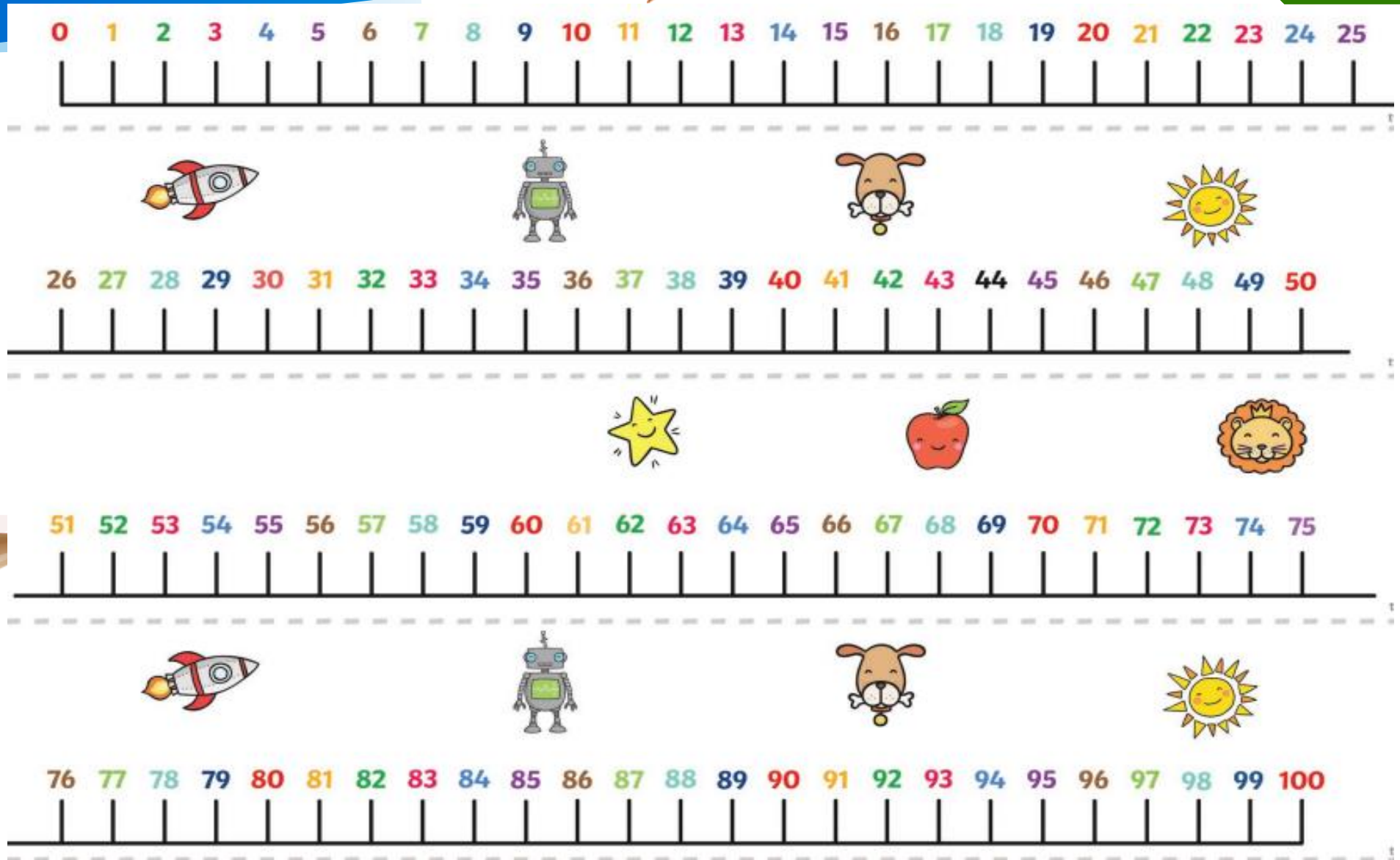
Click here to go back to the main menu





0 to 100 Number Line

Click here to go back to the main menu



We hope you all...

The Year 1 Team

x