



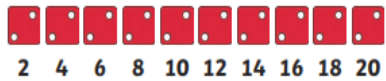
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Maths: Place Value (within 20)

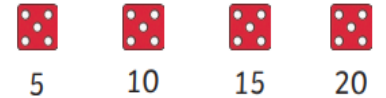
Spring : Year 1

Counting in multiples

Counting in Twos



Counting in Fives



Counting in Tens



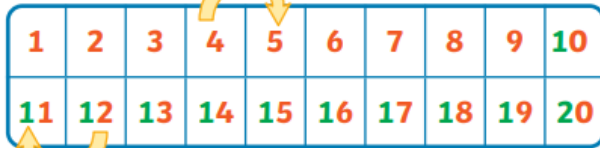
10



20



1 more



1 less

Place Value within 20

1	2	3	4	5	6	7	8	9	10
one	two	three	four	five	six	seven	eight	nine	ten

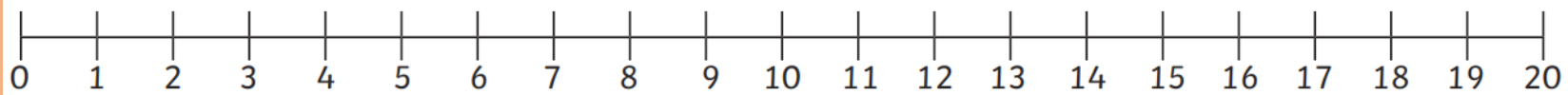
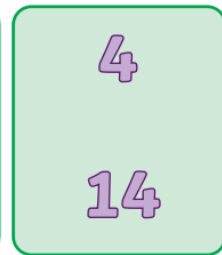
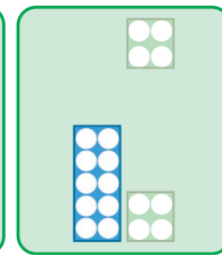
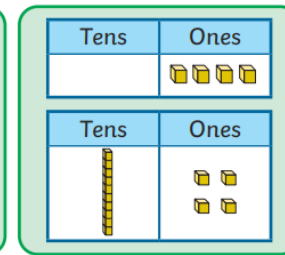
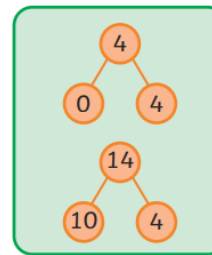
11	12	13	14	15	16	17	18	19	20
eleven	twelve	thirteen	fourteen	fifteen	sixteen	seventeen	eighteen	nineteen	twenty

Key Vocabulary

		✓
Place value	The value of a digit.	
More	One value is greater.	
Less	One value is lower.	
Tens	The digit in the tens column.	
Ones	The digit in the ones column.	
Multiples of 10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100,	
Teen	13, 14, 15, 16, 17, 18, 19	
Fewer	A lesser quantity.	

1 More 1 Less

Tens and One





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Maths: Addition and Subtraction (within 20)

Spring : Year 1

Key Vocabulary

Addend	A number to be added to another.	✓
Equal	The same value.	
Sum	Equal to 2 additions.	
Subtrahend	A number that has 1 left over when divided by 2.	
Minuend	A number that can be shared by 2.	
Digits to	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	
Least	Lowest in value	
Difference	The result of subtracting one number from another.	

Addition and Subtraction

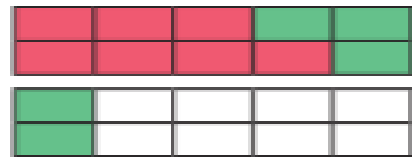
First



Then



Now



I partitioned 5 into 2 and 3.

$$12 - 2 = 10$$

$$10 - 3 = 7$$



Addition and Subtraction

4 + 6 < 14 + 6

4 + 6 = 10
10 - 6 = 4

14 = 20 - 6

14 + 6 = 20
20 - 6 = 14

20 - 5 > 20 - 6

5 + 5 = 10
10 - 5 = 5

15 + 5 = 20
20 - 5 = 15

How many now?

All Aboard!

First

Then

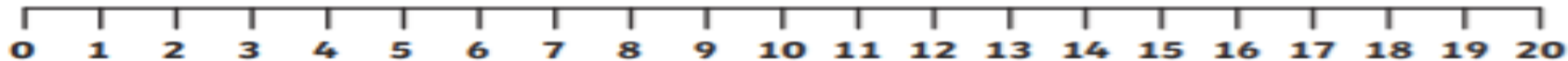
Now



I partitioned 4 into 1 and 3.

$$9 + 1 = 10$$

$$10 + 3 = 13$$



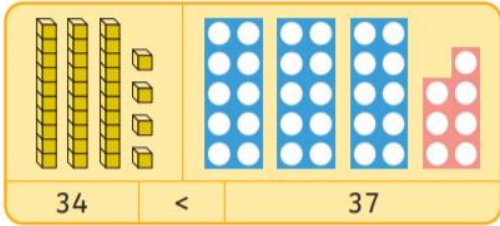


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Maths: Place Value (within 50)

Spring : Year 1

Comparing Numbers

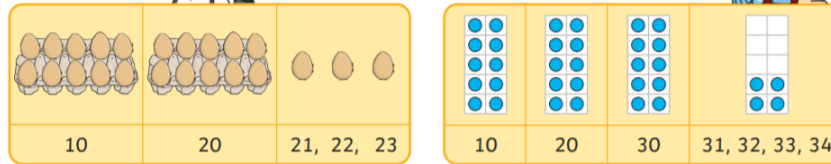
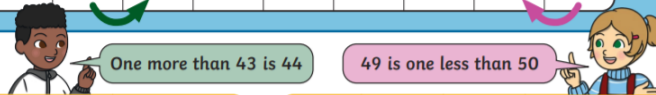


< is less than
= is equal to
> is more than

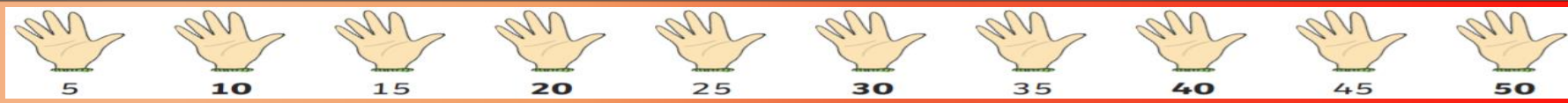
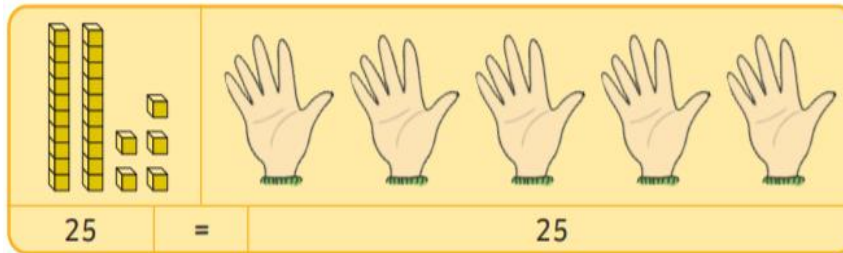
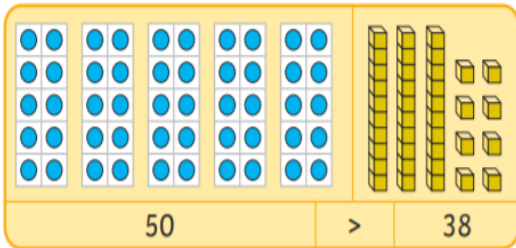


Place Value to 50

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

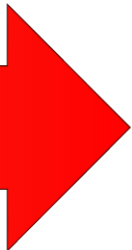


Comparing Numbers



Key Vocabulary

Addend	A number to be added to another.	✓
Equal	The same value.	
Sum	Equal to 2 additions.	
Odd numbers	A number that has 1 left over when divided by 2.	
Even numbers	A number that can be shared by 2.	
Digit	0 through to 50	
Least	Lowest in value.	
Fewest	The smallest number.	
Addend	A number to be added to another.	
Value	What the digit is worth.	
Tens	A set of 10 ones.	
Ones	A single digit up to 9 in the ones column.	





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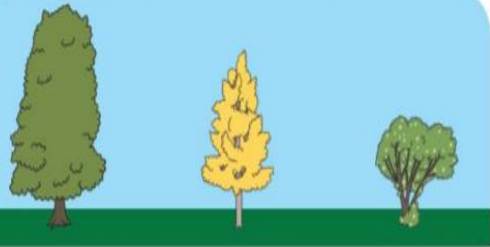
Maths: Measurement: Length and Height

Spring : Year 1

Height

The dog is **taller** than the cat.

The cat is **shorter** than the dog.



tallest

shortest

Length



The car is **shorter** than the train.



The train is **longer** than the car.

shortest



longest



The same length

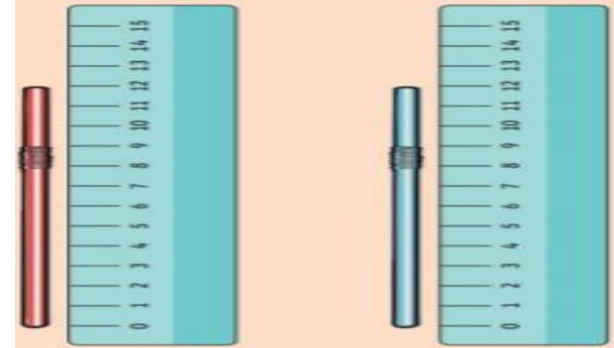


Key Vocabulary



Long	How far from end to end.
Shorter/Longer	Comparing the height or length of two objects.
Tall	The distance from the top to the base.
Taller	Comparing the height of two objects.
Double	When the same thing is added twice.
Half	Sharing an object or number in two.

The same height



Centimeters

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15





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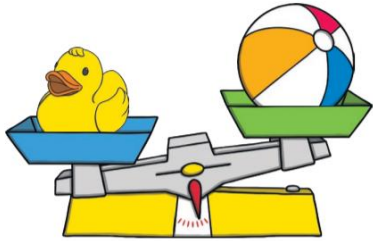
Maths: Measurement: Weight and Volume

Spring : Year 1

Key Vocabulary		✓
Capacity	Is the total amount of liquid a container will hold.	
Volume	Is the amount of liquid that is in the container.	
Weight	How heavy an object is.	
Mass	The amount of matter an object contains. Anything that takes up space is called 'Matter'.	
Balance	An equal position when weighing.	
Lighter	Weighing less than other objects.	
Heavier	Weighing more than other objects.	

Compare Mass

The duck is **heavier** than the ball.
The ball is **lighter** than the duck.



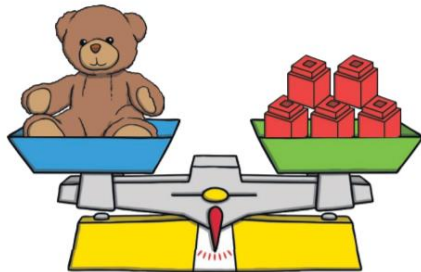
Capacity and Volume

We can use different containers to measure volume.



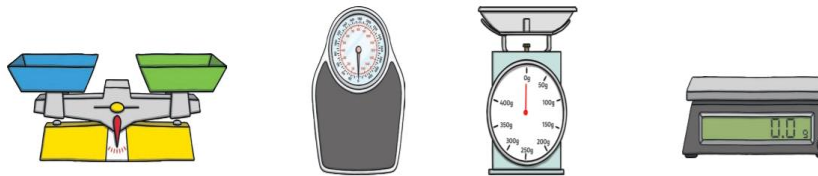
Measure Mass

The teddy **weighs** the same as 5 cubes.
They are **balanced**.

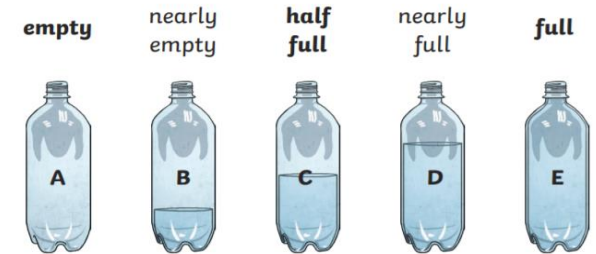


Weight and Mass

We can use different types of scales to measure mass.



Compare Capacity



B has more water than A. D has less water than E.

It takes 4 cups to fill this jug.

