



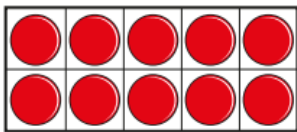
St John Fisher RC Primary School

Year Two Maths Knowledge Organiser

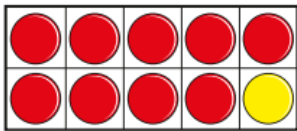
Autumn Term One – Number: Addition and Subtraction – Week 5

Learning Intentions	Self-Assessment	Teacher
I can find number bonds to 10	☹️ 😐 😊	
I can find addition and subtraction bonds within 20	☹️ 😐 😊	
I can find related facts	☹️ 😐 😊	

I can find number bonds to 10



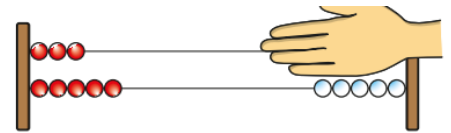
$$10 + 0 = 10$$



$$9 + 1 = 10$$

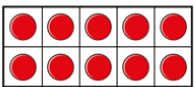


$$7 + 3 = 10$$

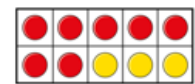
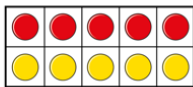


The hand is covering 7 beads. $3 + 7 = 10$

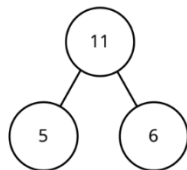
I can find addition and subtraction bonds within 20



$$15 + 5 = 20$$



$$7 + 13 = 20$$



Fact Family

$$5 + 6 = 11$$

$$6 + 5 = 11$$

$$11 - 6 = 5$$

$$11 - 5 = 6$$

I can find related facts

Eva has 2 red pens and 3 blue pens.



$$2 + 3 = 5$$

Tommy has 20 red pens and 30 blue pens.



$$20 + 30 = 50$$

Key Vocabulary

Part whole model

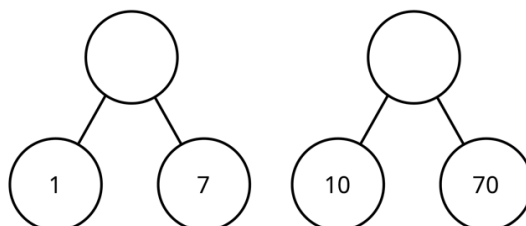
Bar model

To represent numbers that are split into parts

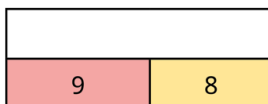
Assessment

Complete the part-whole models.

a)



There are 9 boys and 8 girls in a class.
Complete the bar model to show this.



Write the fact family for the bar model.

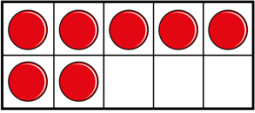
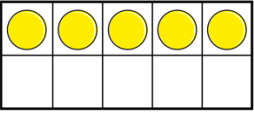
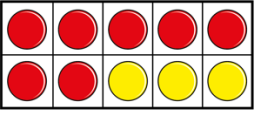
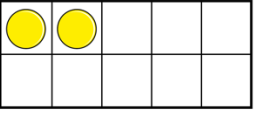


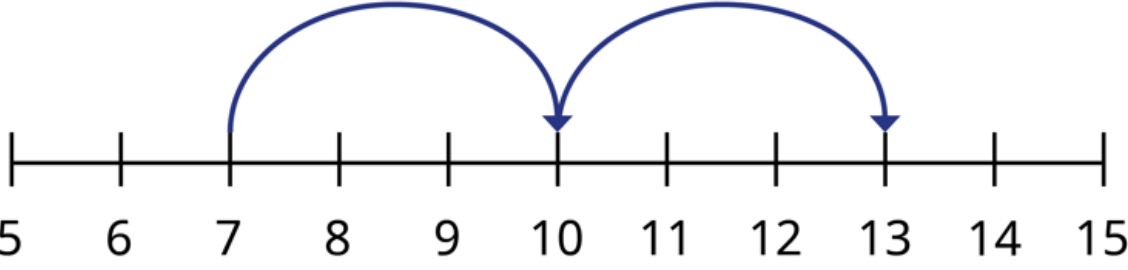
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Year Two Maths Knowledge Organiser

Autumn Term One – Number: Addition and Subtraction – Week 6

Learning Intentions		Self-Assessment	Teacher
I can find number bonds to 100		☹️ ☹️ ☹️	
I can add and subtract 1's		☹️ ☹️ ☹️	
I can add by making 10		☹️ ☹️ ☹️	
I can find number bonds to 100 using related facts		I can add in 1's	
$1 + 9 = 10$ $2 + 8 = 10$ $3 + 7 = 10$	$10 + 90 = 100$ $20 + 80 = 100$ $30 + 70 = 100$	a) Max has 6 cookies.  Jo gives him one more cookie. Jo now has 7 cookies $6 + 1 = 7$ 	

I can subtract in 1's	I can add by making 10	
Ben has 4 cookies.  He eats one of his cookies. Ben now has 3 cookies $4 - 1 = 3$ 	 +   + 	$7 + 5 = ?$ Make 10 by adding 3 $10 + 2 = 12$ $7 + 5 = 12$

I can add by making 10	
	$7 + 6 = ?$ $7 + 3 = 10$ $10 + 3 = 13$ $7 + 6 = 13$

Key Vocabulary	
equal sign	To show that the numbers either side balance
Assessment	

a) What addition is shown?

 + 
 + =

b) What addition is shown?

 + 
 + =

Complete the calculations.

a) $14 + 2 =$ e) $19 - 2 =$

b) $22 + 3 =$ f) $33 +$ $= 35$

c) $54 + 4 =$ g) $12 = 19 -$

d) $= 5 + 61$ h) $= 89 - 3$