





Our Lady of Lourdes RC Primary School  
...let your light shine!

Maths Planning – WB: 11.1.21

## Weekly Focus: Addition and subtraction

Remember to keep playing on [Times Tables Rock Stars \(trockstars.com\)](https://trockstars.com) and times table games!

	Activity
Monday	<p>L.O To subtract two-digit numbers not crossing ten.            Play this game to get your brain warmed up!  <a href="#">Secret Agent Subtraction Game   Game   Education.com</a>            Watch this video:  <a href="https://vimeo.com/468561808">https://vimeo.com/468561808</a>            Have a go at the fluency questions 1-4            If you want to challenge yourself have a go at the problem-solving question for Monday!</p> <p>Base ten:            Try using this interactive version:  <a href="#">Base Ten Blocks   Manipulatives   Coolmath4Kids</a></p>  <p>Remember you can use what you have in your house for tens and ones for example sweets and sticks or you can draw the tens and ones!</p>
Tuesday	<p>L.O To subtract two-digit numbers crossing ten.            Warm up your brain playing this game!  <a href="#">Two-Digit Subtraction with Borrowing Game   Game   Education.com</a>            Watch this video: <a href="https://vimeo.com/468562834">https://vimeo.com/468562834</a>            Have a go at fluency questions 1-4.</p> <p>If you want a challenge, try the problem-solving question 5!            Base ten:</p>

	<p>Try using this interactive version:  <a href="#">Base Ten Blocks   Manipulatives   Coolmath4Kids</a></p>  <p>Remember you can use what you have in your house for tens and ones for example sweets and sticks or you can draw the tens and ones!</p>
Wednesday	<p>L.O To make bonds to 100 using tens and ones.  Sing this song to practise your bonds to 100!  <a href="#">Number Bond Zoo - YouTube</a>  Watch this video <a href="#">Aut2.9.2 - Bonds to 100 (Tens and ones) on Vimeo</a>  Have a go at fluency questions 1-5</p> <p>You can use this interactive number square or the one in resources.  <a href="#">Paint the Squares - Interactive Number Charts (topmarks.co.uk)</a>  Remember to select 1-100.  For a challenge try the problem solving and reasoning questions 6-7</p>
Thursday	<p>L.O To add three one-digit numbers.  Let's play this addition game to warm our brains up!</p> <p><a href="#">Adding One-Digit Numbers Soccer Game (math-play.com)</a>  Watch this video <a href="#">Aut2.9.3 - Add three 1-digit numbers on Vimeo</a>  Have a go at fluency questions 1,2,4,5.  For a challenge try the problem solving and reasoning questions 3 and 6.</p>
Friday	<p>Friday fun quiz.  Let's use our knowledge of addition and subtraction and play this fact families game!  <a href="#">Number Fact Families - 6 to 11 year olds - Topmarks</a>  Can you complete the questions on the last page using all the skills you have learnt this week in addition and subtraction?</p>

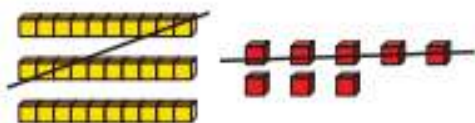


# Monday

- 1 Complete the sentences to describe each step of the subtraction.



First the number is



Then  is crossed out.



Now the number is

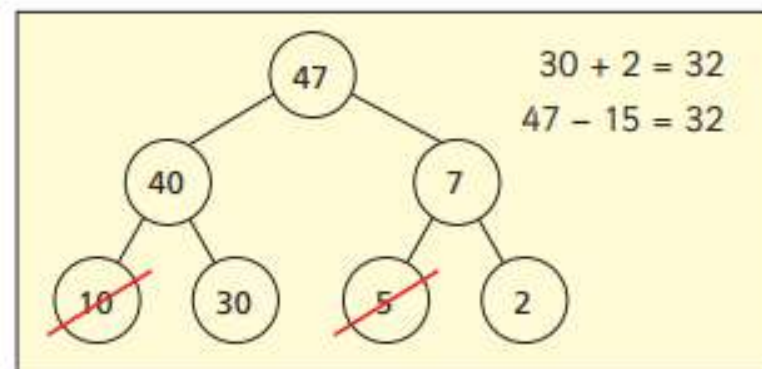
- 2 Draw base 10 to represent the number 35  
Now cross out 12  
What number is left?



- 3 Use base 10 to work out the subtractions.

- |              |              |              |
|--------------|--------------|--------------|
| a) $7 - 2$   | d) $47 - 12$ | g) $63 - 61$ |
| b) $30 - 10$ | e) $48 - 11$ | h) $45 - 33$ |
| c) $37 - 12$ | f) $27 - 16$ |              |

- 4 Jack is working out  $47 - 15$



Talk about Jack's method with a partner.

Use Jack's method to complete the calculations.

- |              |              |
|--------------|--------------|
| a) $47 - 16$ | c) $37 - 15$ |
| b) $36 - 22$ | d) $57 - 31$ |

5 Complete the subtractions.

a)

		T	O	
		5	2	
	-	1	1	

c)

		T	O	
		8	7	
	-	3	4	

b)

		T	O	
		1	5	
	-	1	2	

d)

		T	O	
		6	3	
	-	5	2	

6 Rosie has 25 balloons.



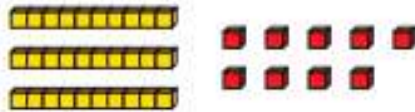
Scott has 11 fewer balloons than Rosie.

How many balloons does Scott have?

How many balloons do they have altogether?

# Tuesday

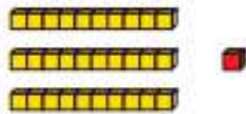
- 1 a) What number is represented?



Subtract 12

What number is left?

- b) What number is represented?



Subtract 12

What number is left?

What is the same about your answers?

What is different?

- 2 Use base 10 to work out the subtractions.

a)  $23 - 6$

d)  $45 - 26$

b)  $33 - 7$

e)  $63 - 35$

c)  $33 - 17$

f)  $82 - 24$



- 3 Tommy is working out  $43 - 5$

		T	O
	3	4	13
-			5
	3	8	

Talk about Tommy's method with a partner.



- 4 Complete the subtractions.

a)

		T	O
	2	3	
-			6

c)

		T	O
	3	3	
-	1	7	

e)

		T	O
	6	3	
-	3	5	

b)

		T	O
	3	3	
-			7

d)

		T	O
	4	5	
-	2	6	

f)

		T	O
	8	2	
-	2	4	

5

Dexter has 33 bricks.



Rosie has 19 bricks.

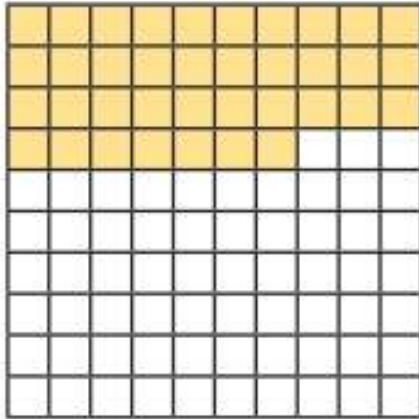


- a) How many bricks do Dexter and Rosie have altogether?
- b) How many more bricks does Dexter have than Rosie?



# Wednesday

- 1 Here is a hundred square.

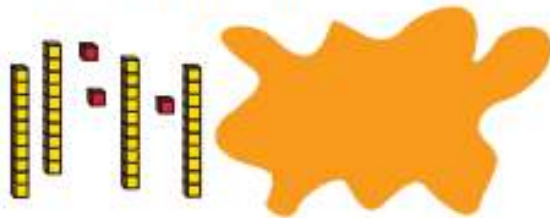


How many squares are shaded?

How many squares are not shaded?

$$\square + \square = 100$$

- 2 Eva has made 100 using base 10. She has spilt paint on it.



Draw the missing pieces of base 10

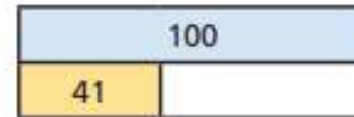
- 3 Mrs Harris has these apples for Sports Day.



She needs 100 apples.

How many more apples does Mrs Harris need?

- 4 Complete the bar model.



- 5 Complete the calculations.

- |                         |                         |
|-------------------------|-------------------------|
| a) $40 + \square = 100$ | e) $100 - 50 = \square$ |
| b) $\square + 70 = 100$ | f) $100 - 37 = \square$ |
| c) $100 = \square + 72$ | g) $\square = 100 - 22$ |
| d) $100 = 28 + \square$ | h) $8 = 100 - \square$  |





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

- 6 A coat costs £100

Mr Farmer has £58

How much more money does Mr Farmer need to buy the coat?

- 7 Whitney is working out  $38 + \square = 100$



The missing number is 72  
because I need 2 more ones  
and 7 more tens.

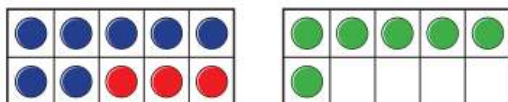
Do you agree with Whitney?

Explain your answer.

Talk about it with a partner.


# Thursday

- 1 What addition is represented?



- 2 Work out the additions.

$5 + 8 + 2$

$5 + 2 + 8$

$8 + 2 + 5$

Which was the easiest?

Talk about it with a partner.

- 4 Work out the additions.

a)  $7 + 3 + 5$

c)  $6 + 6 + 4$

e)  $5 + 5 + 5$

b)  $8 + 9 + 1$

d)  $9 + 3 + 7$

f)  $2 + 9 + 8$

- 5 Annie is working out  $5 + 6 + 2$

Here are her workings.

5 + 5 = 10  
1 + 2 = 3  
10 + 3 = 13

Talk about Annie's method with a partner.

Use Annie's method to complete the additions.

a)  $9 + 4 + 1$

c)  $8 + 3 + 1$

b)  $7 + 8 + 2$

d)  $3 + 6 + 5$

- 3 Nijah is working out  $9 + 4 + 1$

Here are her workings.

$$\begin{array}{l} 9 + 1 = 10 \\ 10 + 4 = 14 \end{array}$$



Nijah's workings are wrong because she did them in the wrong order.

Do you agree with Ron?

Explain your answer.

- 6 Here are some digit cards.



- a) What is the greatest total you can make?  
b) What is the smallest total you can make?

- 6 Here are some digit cards.



- a) What is the greatest total you can make?  
b) What is the smallest total you can make?

- 7 Write  $<$ ,  $>$  or  $=$  to make the statements correct.

a)  $5 + 9 + 1$    $7 + 5 + 3$

b)  $6 + 8 + 3$    $2 + 9 + 4$

c)  $1 + 7 + 5$    $3 + 4 + 5$

d)  $8 + 9 + 1$    $1 + 8 + 9$

# Friday Fun Quiz

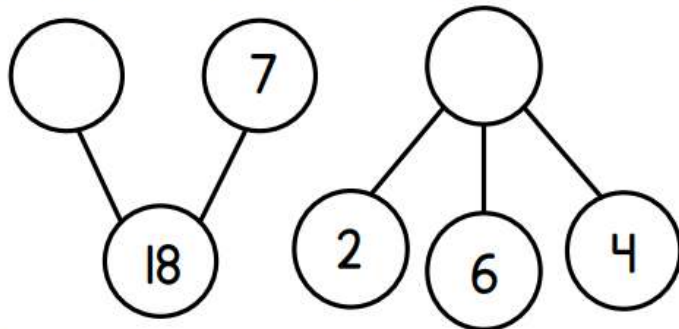
Year 2

Addition and Subtraction

Name \_\_\_\_\_

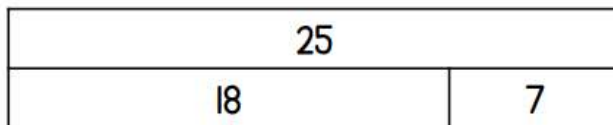


- 1 Complete the part-whole models.




2 marks

- 2 Use the bar model to complete the number sentences.



$$7 + \square = 25 \quad \square - \square = 18$$

2 marks

- 3 Complete the missing boxes.

10 less	Number	10 more
	fifteen	twenty-five

2 marks

- 4 Jack makes this number.



Meg makes this number.



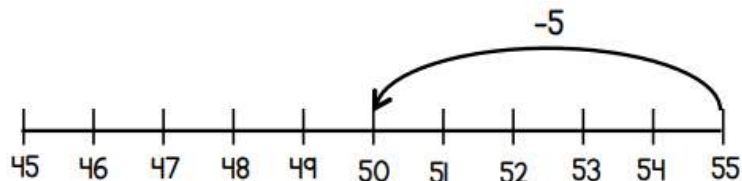
What is the total of their numbers?

\_\_\_\_\_

1 mark



- 5 Amir is working out  $55 - 8 =$   
He uses a number line.



Complete Amir's method.

- 6 Circle **two** numbers which total 100

35    45    55    65    75

- 7 Dan has 28 grapes.  
He eats 12 grapes.  
How many grapes are left?

\_\_\_\_\_

- 8 Here are three digit cards.



Use the cards to find two different ways to complete the number sentence.

$$\square + \square \square = 53$$

$$\square + \square \square = 53$$

☐

1 mark

☐

1 mark

☐

2 marks

☐

1 mark

Circle how confident you feel with addition & subtraction.

1

2

3

4

5

Not  
confident

Very  
confident