

Wigan LEA Numeracy Centre  
Year 2  
Block 2 Assessment

2

Name:

Date:

Key Objective Assessed	Part 1	Part 2
Count, read, write and order whole numbers to at least 100	6	1,2,11
Describe and extend simple number sequences (eg odds/evens)	4,8,9	10
Understand that subtraction is the inverse of addition	10	6
Use knowledge that addition can be done in any order.	7,13,11	12
Know and use halving as the inverse of doubling	14	
Estimate and compare and capacities using standard units	5,15	
Read a simple scale to the nearest labelled division	16	
Use mathematical vocabulary to describe position, direction and movement	17	
Choose/use appropriate operation and efficient strategies to solve problems	1,2,18,19,20,21	7,13,14,15
<b>Other Objectives Assessed</b>		
Begin to recognise 2 digit multiples of 2,5,10		17
Count on in steps of 3 & 4 from/back to 0 and small no.	23	16
Begin to add 3 single digit numbers mentally	13	
Recognise coins and begin to work out which coins to pay. Begin to use £ p. notation for money	12	22
Recognise right angles in squares and rectangles	24	
Use and begin to read vocab. of comparing/ordering numbers including ordinal numbers		18,19
Begin to understand division as grouping or sharing. Use the + and = signs to record mental calculations		13
Use known number facts and place value to carry out simple x & +		20,21
Begin to recognise that 2 halves or 4 quarters make 1 whole	22	23
Read the time to the ¼ hour on an analogue/digital clock Order the months of the year		24,25
Use a simple pictogram to sort, classify and organise info		26
Know by heart addition/subtraction facts to at least 10	3	3,4,8
Understand the operation of addition/subtraction an related vocabulary		5, 9

<u>MARK</u>	<u>LEVEL</u>

**Year 2                      Block 2 Assessment                      Part 1**

**The first 5 questions in this assessment are to be given orally to the whole class/group.**

**1. Six sweets add 2 more. How many altogether?**

**2. Eight candles, blow 5 out. How many are left?**

**3. Seven add ? = 10**

**Four plus ? = 10**

**4. What number comes next? 10 12 14 16 ?**

**5a. What equipment would I use to measure the amount of water in a cup? Put a tick next to the correct answer.**

**30cm. ruler    metre stick    scales    clock    measuring jug**

**b. What unit of measurement would I use? Put a tick next to the correct answer.**

**kilograms    metres    hours    millilitres    grams**

1.	<input type="checkbox"/> sweets	(1)
2.	<input type="checkbox"/> candles	(1)
3.	<input type="checkbox"/> <input type="checkbox"/>	(2)
4.	<input type="checkbox"/>	(1)
5.	<input type="checkbox"/> ruler <input type="checkbox"/> metre stick <input type="checkbox"/> scales <input type="checkbox"/> clock <input type="checkbox"/> measuring jug <input type="checkbox"/> kilograms <input type="checkbox"/> metres <input type="checkbox"/> hours <input type="checkbox"/> millilitres <input type="checkbox"/> grams	(2)
6.	<b>Write the number that has eight tens and seven units in numbers and words</b> <input type="checkbox"/> <input type="text"/>	(2)
7.	$64 = \square + 4$ $90 + \square = 97$	(2)

8. Put a ring around all the odd numbers

33    24    15    9    42    50    63

(1)

9.

17 count on 30 is

81 count back 50 is

(2)

10. Use the numbers 4, 8 and 12 and the symbols + or – and = to make 3 more number sentences

1.  4 +  8 =  12

2.

3.

4.

(2)

11. What is the total amount of lemonade?



2 litres



5 litres

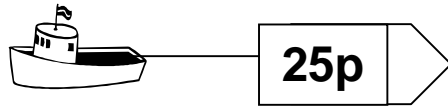


8 litres

litres

(1)

12. Draw no more than 4 coins to pay for the boat



(1)

13.

8 plus 9 plus 4 makes =

6 + 5 + 4 =

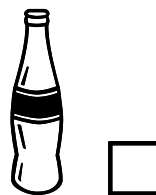
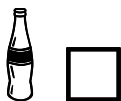
(2)

14. Mrs. Ball has 18 children in her class. Half of them are boys. How many are girls?

girls

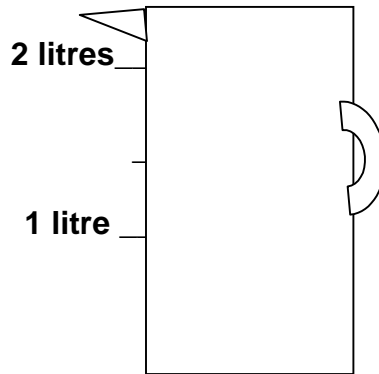
(1)

15. Put a ✓ next to the bottle which will hold the least amount of water



(1)

16. Sam pours some pop in the jug until it contains  $1\frac{1}{2}$  litres.  
Colour the pop in the jug.

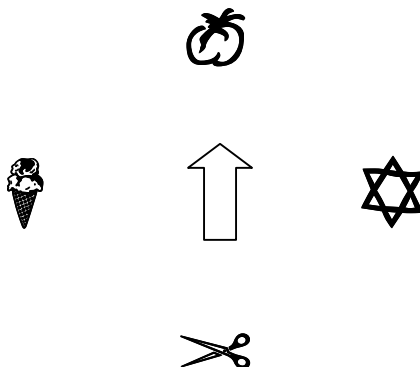


How much more pop will Sam have to add to make 2 litres?

litre

(2)

17. The arrow makes a  $\frac{1}{4}$  turn anti-clockwise. Put a  $\checkmark$  next to the object it will point to.



(1)

18.

The fruit shop



banana 13p



orange 12p



grapes 19p



apple 10p



strawberry 7p



pear 11p

a. What is the total cost of a banana and an apple?

p

b. What is the difference in price between the strawberry and the orange?

p

c. If you buy some grapes and a banana, how much change would you get from 50p

p

d. The total cost of all the fruit is 72p. Draw 3 coins to show this amount.

(4)

19.

Jenny bought 12 bars of chocolate. Each one cost 2p. How much did Jenny spend ?

p

(1)

20. Sam's cup holds 120 millilitres of pop. He drinks 40 millilitres. How much is left in his cup?

millilitres

(1)

21. In Nita's class each pupil's tray holds 5 books. How many trays are needed to hold 25 books?

trays

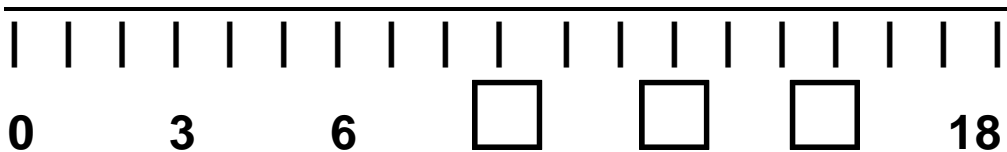
(1)

22. Carol has  $3\frac{1}{2}$  oranges. Daniel has  $2\frac{1}{2}$ . How many whole oranges can they make altogether?

oranges

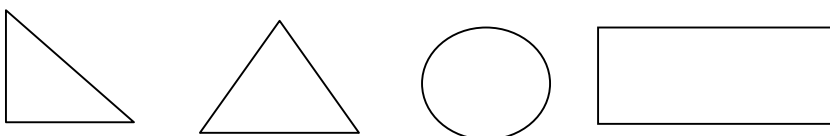
(1)

23. Fill in the missing numbers on the number line



(1)

24. Put a  $\checkmark$  on the right angles on these shapes.



(2)



**Year 2      Block 2 Assessment      Part 2**

**The first 4 questions in this assessment are to be given orally to the whole class/group.**

- 1. Which is the largest number? 13, 17, 10, or 7**
- 2. Which is the smallest number? 13, 17, 10 or 7**
- 3. 4 plus 2 = ?**
- 4. 10 takeaway 5 = ?**

1.	<input type="text"/>	(1)
2.	<input type="text"/>	(1)
3.	<input type="text"/>	(1)
4.	<input type="text"/>	(1)
5.	<p>37 count on 8 is <input type="text"/></p> <p>86 count back 7 is <input type="text"/></p>	(2)
6.	<p>Use numbers 6, 8 and 14 and the signs + or - and = to make 3 more number sentences</p> <p>1. <input type="text"/> 6 <input type="text"/> + <input type="text"/> 8 <input type="text"/> = <input type="text"/> 14</p> <p>2. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>3. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>4. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>	(2)

7. Sita has 15 sums to do. Peter has double that amount. How many sums has Peter got to do?

sums

(1)

8. Match the numbers to make a total of 10

2

4

5

8

10

0

1

5

6

9

(2)

9. 10 subtract 4 =       9 takeaway 7 =

8 minus 6 =       7 - 3 =

(2)

10. Draw a ring around the even numbers.

7   19   14   13   9   8   6   26   2

(2)

11. Write the missing numbers on the number line?

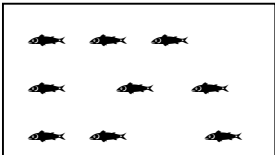
	74	75	76	77	79	81	82			


(2)

12. What is the total of 7, 2 and 18 ?

(1)

13. Sam has 9 goldfish in his tank. He shares them equally between his 3 friends. How many fish do they each get?





fish

Use the signs  $\div$  and  $=$  to show how you have worked it out.

(2)

14. Ann went to the swimming baths at 12:30. She went home at 3:00. How long was she at the baths?

hours

(1)

15. Sam has a rope which is 25cm long. He cuts two lengths of 10cm and gives them away. How much rope does he have left?

cm

(1)

16. Continue these counting patterns

4 8 12 16

30 26 22 18

(2)

17. Write the multiples of 5 less than 40

Write the multiples of 10 from 10 to 50

10     50

(2)

18. Put a tick on the 5<sup>th</sup> car in the queue and a cross on the 11<sup>th</sup>

Ⓟ 

(1)

19. Put these numbers in order. Begin with the largest.

97 79 96 69 84 48

largest

(1)

20. Fill in the missing numbers.

$$\square \times 2 = 12$$

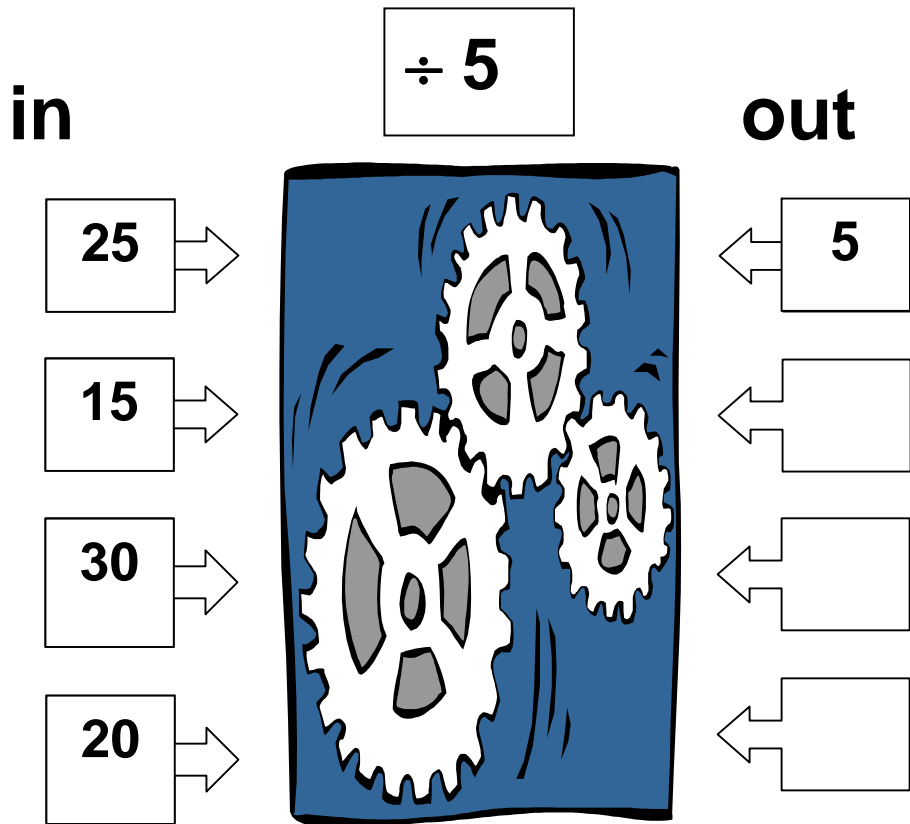
$$7 \times 5 = \square$$

$$10 \times \square = 100$$

$$18 = 9 \times \square$$



(2)

21. This function machine divides numbers by 5. Write the numbers that come out of the machine.



(2)

22. Total these amounts

	<input type="text" value="£1.50"/>		<input type="text" value="80p"/>	<input style="width: 100%;" type="text" value="£ ."/>
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(1)

23. Find one quarter of the dogs

	<input style="width: 50px; height: 40px;" type="text"/> dogs
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(1)

24. Write a quarter to nine on this clock

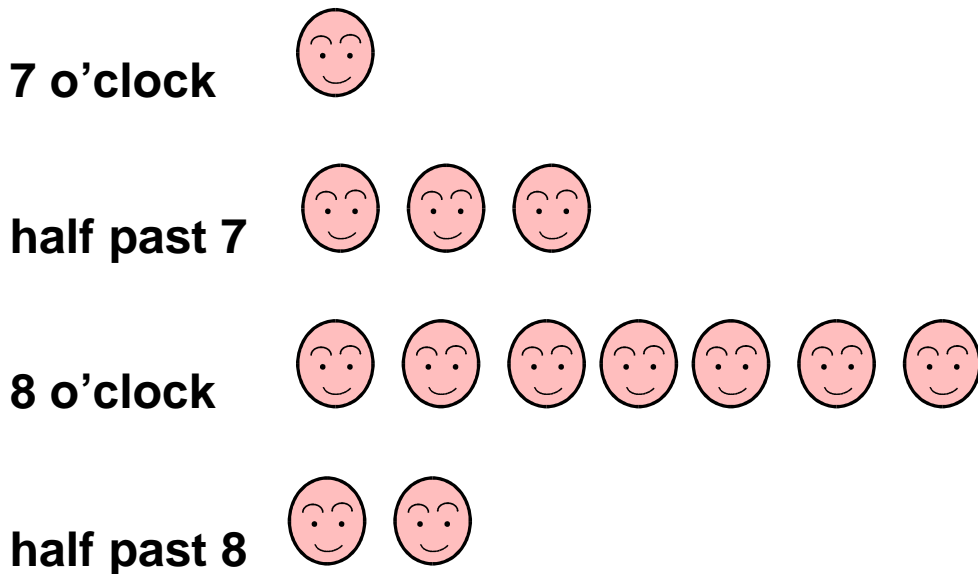
(1)

25. Put a ring around the tenth month of the year

July      February      October      November

(1)

26. Look at this pictogram



How many children go to bed at 7:30?

How many more children go to bed at 8 o'clock than 7 o'clock?

Which is the most popular bedtime?

 o'clock

How many children went to bed before 8 o'clock?

(2)