

Mathematics  
Assessment Term 2  
Grade 1

Name and surname: \_\_\_\_\_

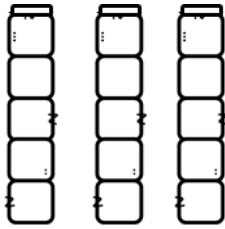
Date: \_\_\_\_\_

TASK 1 - MEMORANDUM

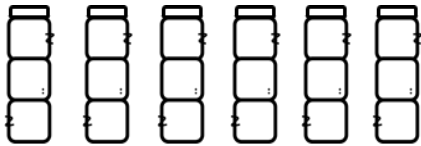
Content area		Mark
1. Numbers, operations and relationships	20	
2. Patterns, functions and algebra.	10	
3. Space and shape	5	
4. Measurement	10	
5. Data handling	5	
	Total	50

# Numbers, operations and relationships

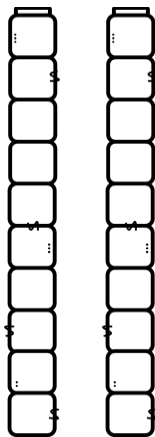
- 1.1. Count the blocks, count in groups to make it easier then write down your answer in the block. (3)



= 15



= 18



= 20

1.2 Complete - Count forwards and backwards (16 ÷ 2 = 8)

a. 10, 20, 30, 40, 50. (3)

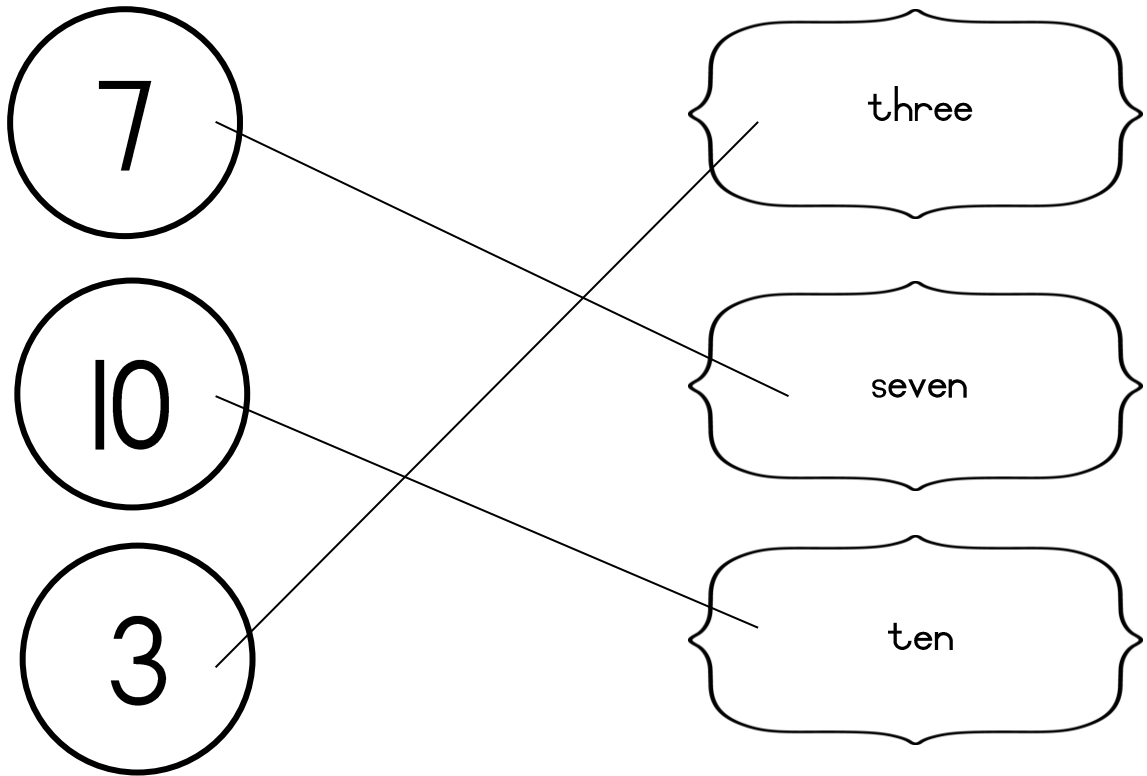
b. 15, 20, 25, 30, 35, 40, 45. (4)

c. 22, 24, 26, 28, 30. (3)

d. 50, 40, 30, 20, 10. (3)

e. 45, 40, 35, 30, 25, 20. (3)

1.3 Match the number names and number symbols. (3)

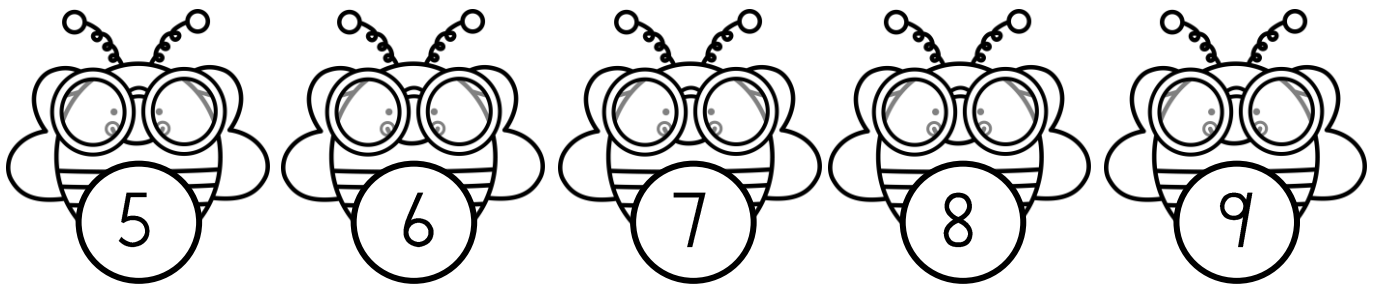


1.4 Write down the number name of the number symbol. (2)

8 - eight

5 - five

1.5 Study the numbers in the bees and answer the questions. (5)



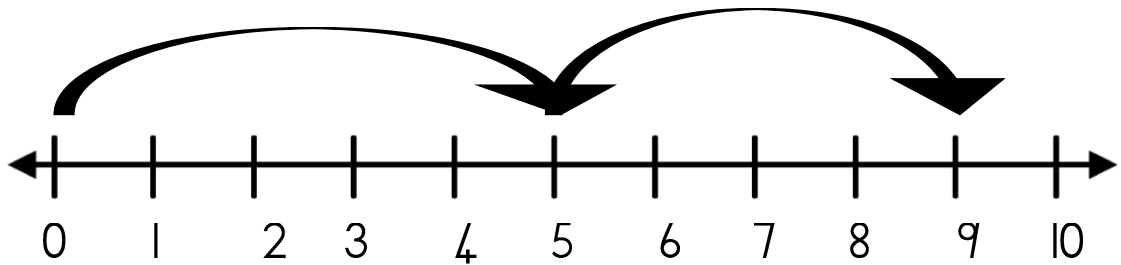
- a. What number is before 7? 6 (1)
- b. What number is after 6? 7 (1)
- c. What number is between 7 and 9? 8 (1)
- d. Write down the numbers from the smallest to the biggest. (1)  
5, 6, 7, 8, 9.
- e. Write down the numbers from the biggest to the smallest. (1)  
9, 8, 7, 6, 5.

1.6 Break down the numbers into tens and ones. ( $4 \div 2 = 2$ )

Numbers	Tens	Ones
17	10	7
13	10	3

1.7 Use the number line to solve the problem. Show your answer on the number line. You must also write down a number sentence for each problem. (3)

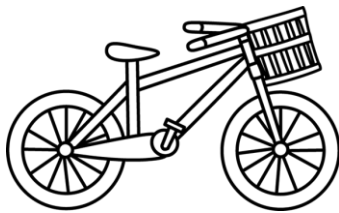
In the school there are 5 boys and 4 girls that take extra art lessons. How many learners are there in total in the art class?



Number sentence:  $5 + 4 = 9$

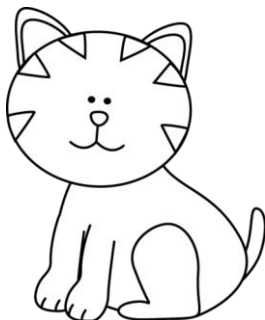
1.8 Answers the questions by counting in groups. (4)

a. One bicycle has 2 wheels. How many wheels do 5 bicycles have? (2)




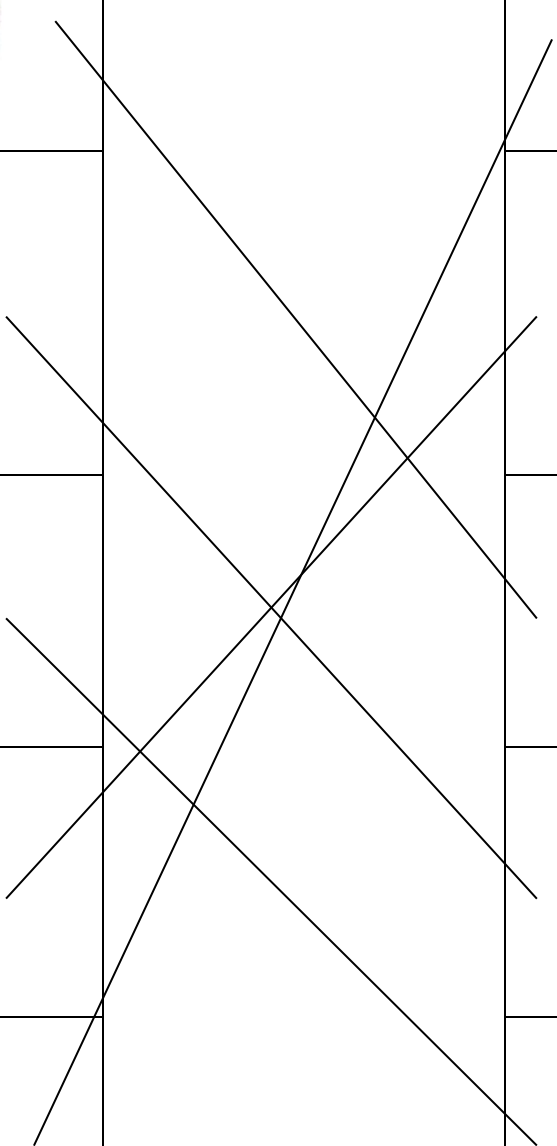




Five bicycles have:  $2 + 2 + 2 + 2 + 2 = 10$

b. One cat has 2 eyes. How many eyes will 6 cats have? (2)



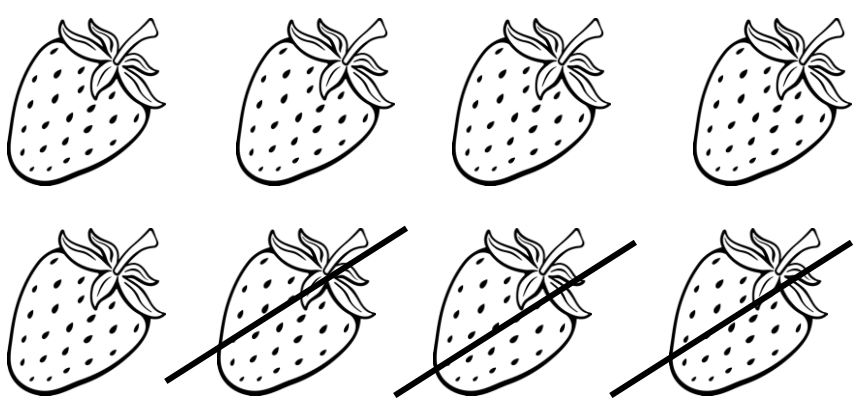
Six cats have:  $2 + 2 + 2 + 2 + 2 + 2 = 12$

1.9. Match the pictures with the correct word. (5)

Money		Name
		One rand
		Five cents
		Five rand
		Ten cents
		Two rand

I.10. Subtraction

Complete the following sum by taking away. Write a number sentence as well. (2)



Number sentence:  $8 - 3 = 5$

I.11. Mental math - complete.

$(6 \div 2 = 3)$

- a. Double 2 = 4
- b. Double 4 = 8
- c. 1 less than 10 = 9
- d. 1 more than 8 = 9
- e. 1 less than 5 = 4
- f. 1 more than 6 = 7

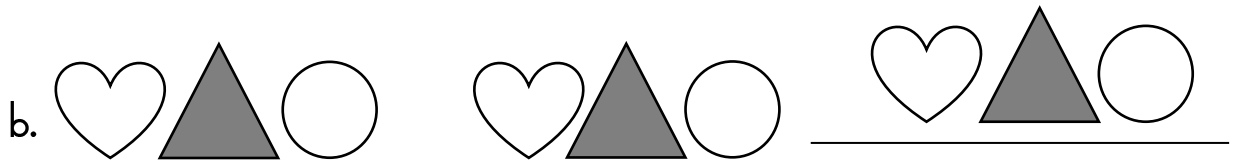
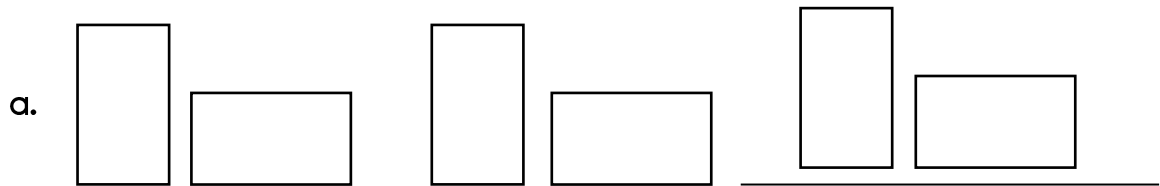
Numbers, operations and relationships		Mark
I. Count	3	
2. Count forwards and backwards	8	
3. Number names and number symbols	3	
4. Write number names	2	
5. Order of numbers	5	
6. Decomposing of numbers - place value	2	
7. Problem solving	3	
8. Repeated addition	4	
9. Money	5	
10. Subtraction	2	
II. Mental math	3	
Total		___/40
Processed mark out of 20		$40 \div 2 =$ ___/20



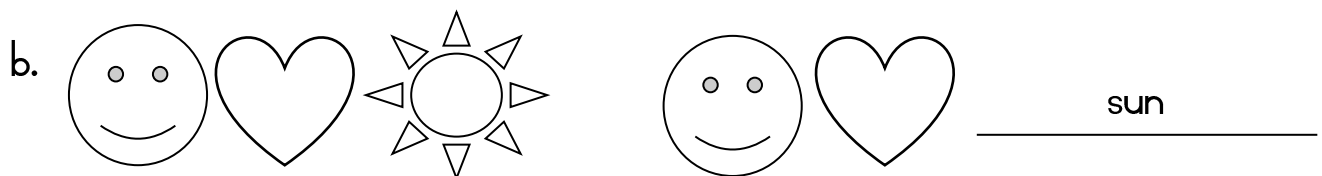
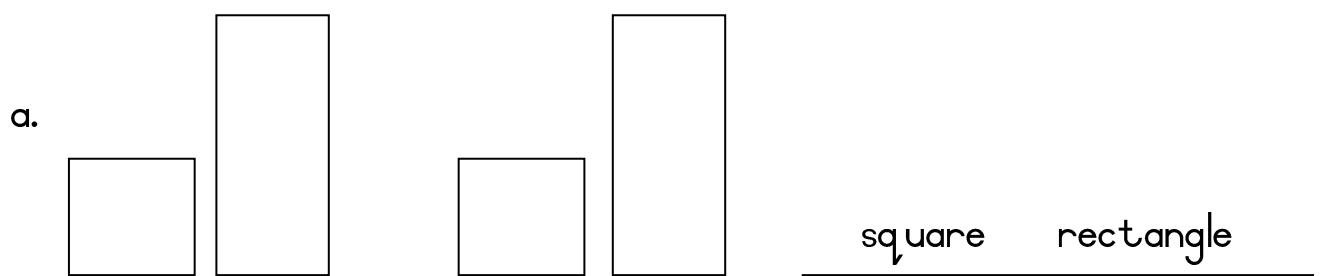
# Patterns, functions and algebra

## 2.1. Geometric patterns

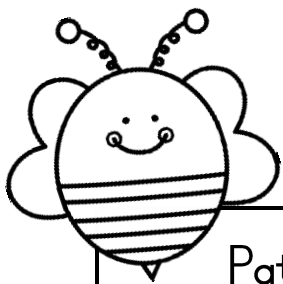
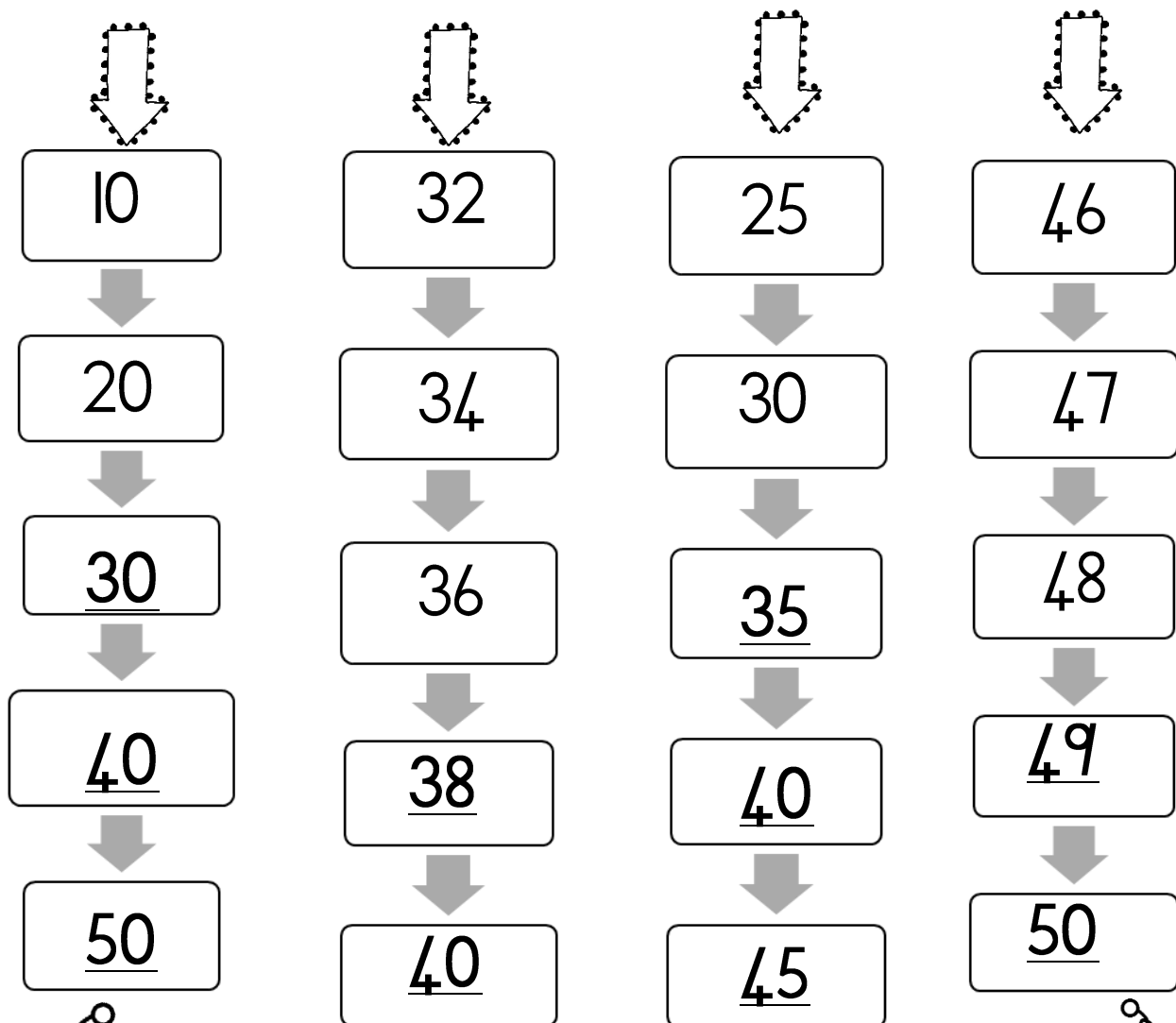
Repeat the following patterns. (2)



2.2. Study the following patterns and write in words which shapes will be next. (3)



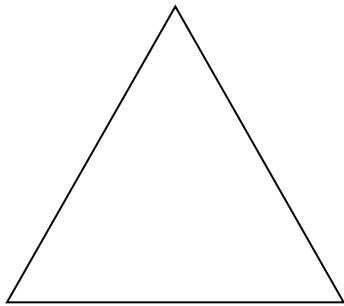
2.3. Number pattern - Start at the arrow and complete the pattern. ( $10 \div 2 = 5$ )



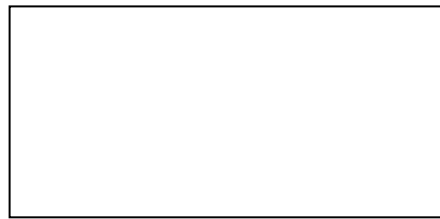
Patterns, functions and algebra		Mark
1. Geometric patterns - draw	2	
2. Geometric patterns - description	3	
3. Number patterns	5	
Total	10	

# Space and shape

3.1 Name the following 2D shapes, write your answer in the blocks. (2)

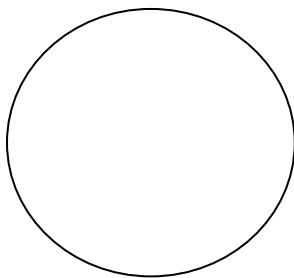


triangle



rectangle

3.2. Do these shapes have straight or round sides? (2)



straight  
round



straight  
round

3.5. Where is the ball?

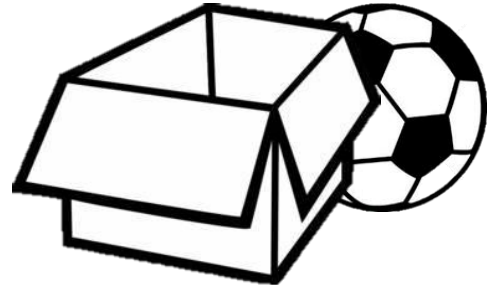
Write in front, behind, inside, between, over or next to. (6)



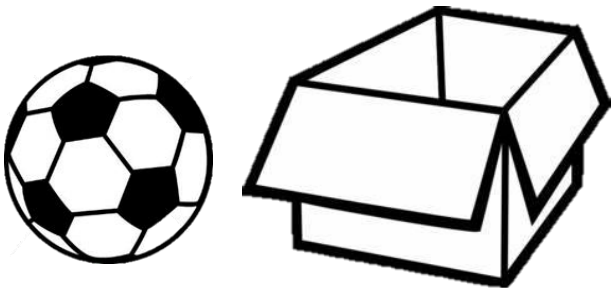
in front



over



behind



next to



inside



between

Space and shape		Mark
1. Name the shapes	2	
2. Straight or round	2	
3. Position in space	6	
Total		___/10
Processed mark out of 5		$10 \div 2 = \_ / 5$

# Measurement

4.1. Study the calendar and answer the following questions. (5)

January 2019						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7 Marie	8	9	10 Ben	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- Which day comes after Wednesday? Thursday
- Which day comes before Sunday? Saturday
- Which day is between Tuesday and Thursday? Wednesday
- Mark the following dates on the calendar:
  - Marie's birthday on 7 January 2019.
  - Ben's birthday on 10 January 2019.

4.2. Number the following actions in the sequence that you would complete them in the morning. (5)

⑤ I brush my teeth.

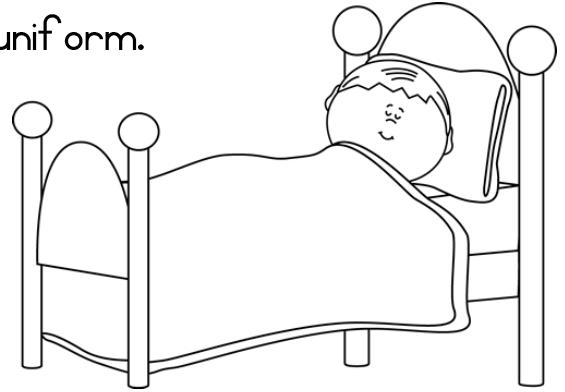
① I wake up.

② I get dressed in my school uniform.

④ I eat breakfast.

③ I brush my hair.

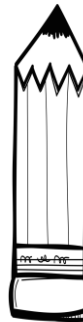
Learners answer may differ. This is just a guide.



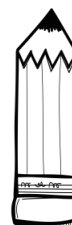
4.3. Study the pictures and colour if the pencil in the second picture is shorter than, longer than or equal to the first. (3)



longer
shorter
equal



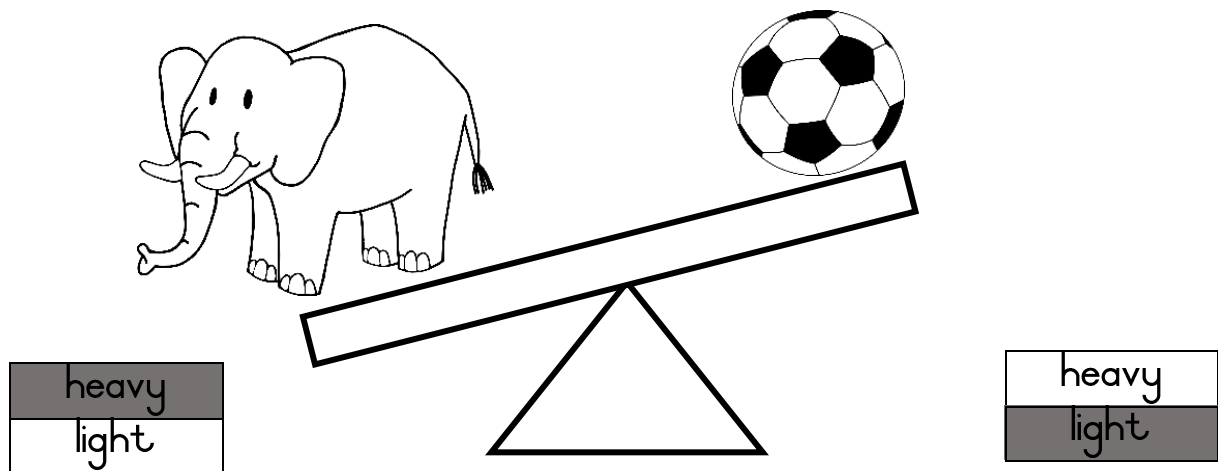
longer
shorter
equal



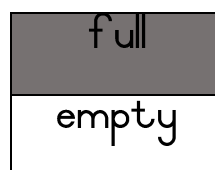
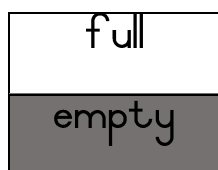
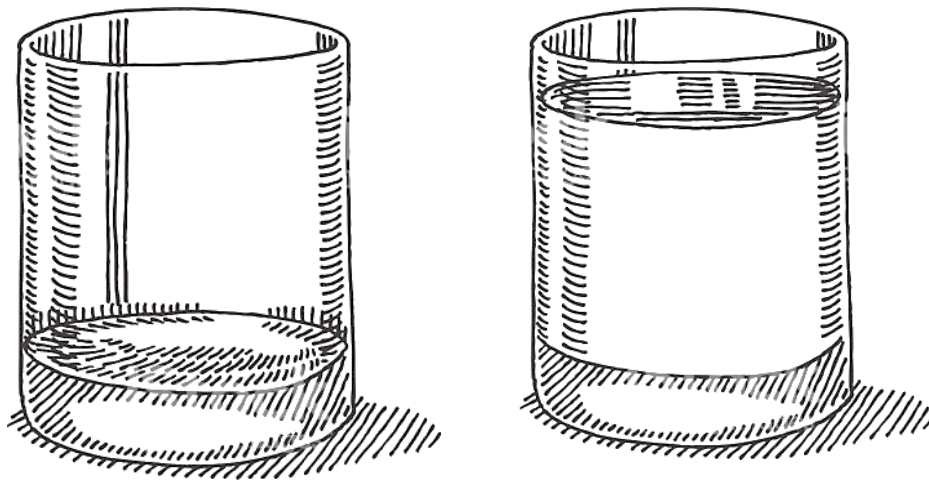
longer
shorter
equal



4.4. Study the objects on the scale, answer the following questions. (2)



4.5. Study the glasses and decide if they are full or empty. (2)

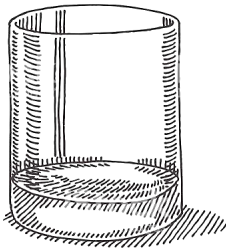
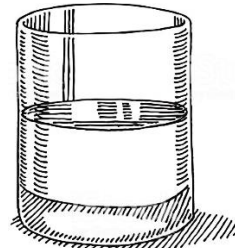




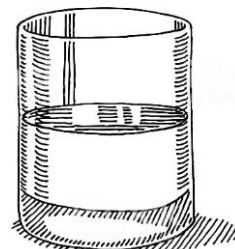
4.6. Write down if the second glass has more than, less than or equal amount of water compared to the first glass. (3)



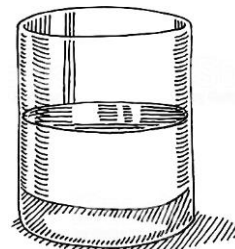
less than



more than



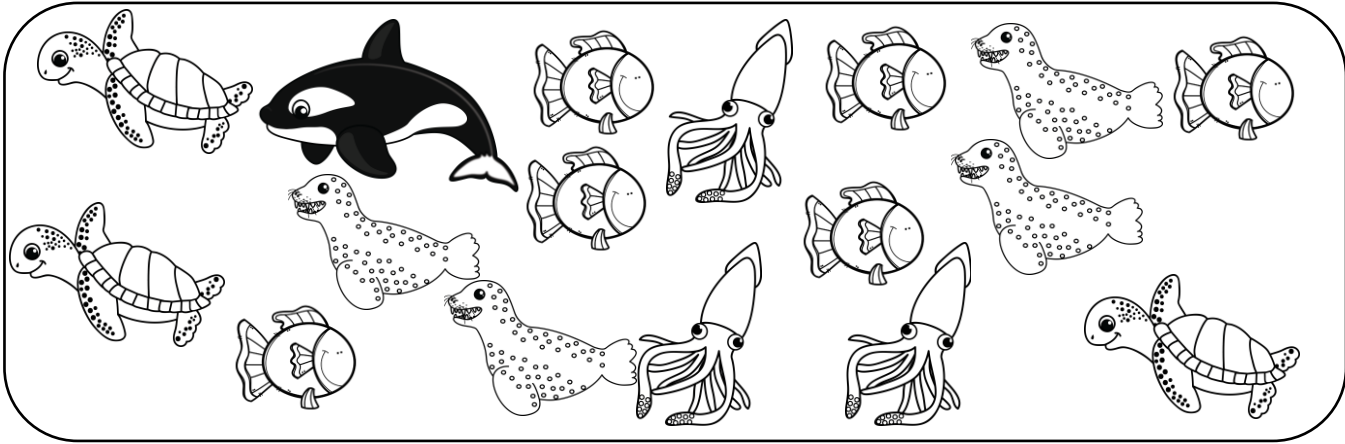
equal



Measurement		Mark
1. Time- <ul style="list-style-type: none"> <li>• Calendar. (5)</li> <li>• Sequence of events. (5)</li> </ul>	10	
2. Length	3	
3. Mass	2	
4. Volume/capacity	5	
Total out of 20		___/20
Processed mark out of 10		$20 \div 2 = \text{___} / 10$

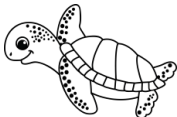
# Data handling

Count the different sea animals and colour the blocks.



8					
7					
6					
5					
4					
3					
2					
1					
0					

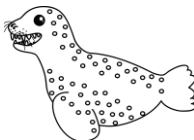
turtle



octopus



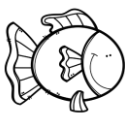
seal



orca



fish



Data handling		Mark
1. 1 mark for the correct amount of blocks coloured for each sea animal.	5	
Total	5	