

XSEED SUMMATIVE ASSESSMENT

Maths, Test 2

GRADE

4

Duration: 90 Minutes

Total Marks: 80

Instructions for Administering Assessments

1. Fill in your name, grade and section on page 2.
2. Read each instruction and question carefully.
3. Write or draw the answer to each question in the space given.
4. If you have a question or need help during the test, quietly raise your hand and wait for the teacher to come to you.
5. Marks for each question are written on the test paper next to the question.
6. Wait for the teacher's instruction to start the test.
7. You will be given a reminder when **45** minutes are left and a final reminder when **10** minutes are left.

NAME: _____ GRADE: _____ SECTION: _____

PART I – Short Answer Questions

40 Marks

1. Fill in the blanks.

2

A. 7 L 238 ml = _____ ml

B. 4 kg 300g = _____ g

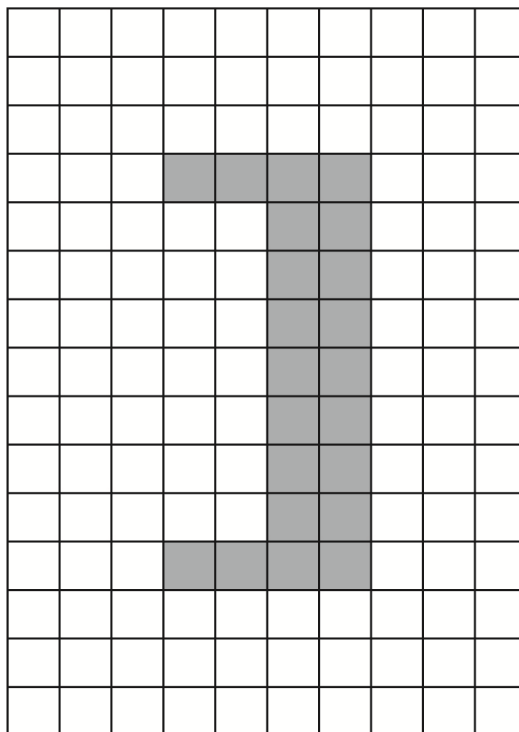
2. Arrange the given fractions in increasing order.

3

A. $\frac{1}{18}, \frac{1}{20}, \frac{1}{11}$	
B. $\frac{1}{9}, \frac{1}{6}, \frac{1}{12}$	
C. $\frac{1}{19}, \frac{1}{15}, \frac{1}{32}$	

3. If the side of each square on the grid measures 1 cm, find the perimeter of the given shape. SHOW ALL WORK.

3



4. The local bus picks up the first passenger at 1:30 pm, and drops off the last passenger at 8:45 pm. Calculate the total travelling time of the bus. **SHOW ALL WORK.**

	4
--	---

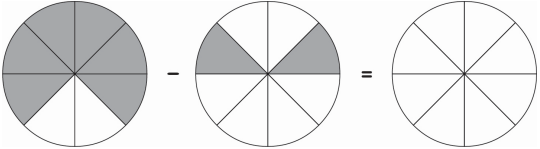
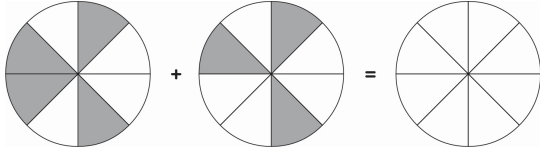
5. Find the following. **SHOW ALL WORK.**

	4
--	---

<p>A. $\frac{3}{5}$ of 30</p>	<p>B. $\frac{2}{9}$ of 27</p>
--	--

6. Shade the third figure to show the answer. Write the answer.

	4
--	---

<p>A. </p>	<p>B. </p>
$\frac{6}{8} - \frac{2}{8} = \frac{\boxed{}}{\boxed{}}$	$\frac{4}{8} + \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$

7. Amit weighs 49 kg 357 g and Preeti weighs 32 kg 458 g. Who weighs less and by how much? **SHOW ALL WORK.**

	4
--	---

8. 957 trees are to be planted in 46 rows such that each row has the same number of trees. How many trees will there be in each row? How many trees will be left over? **SHOW ALL WORK.**

	5
--	---

9. Read the given price list. Make a bill for 4 notebooks and 3 colour boxes.

	5
--	---

Item	Notebook	Colour Box	Drawing Sheet	Water Bottle
Cost per unit	₹25	₹17.50	₹5	₹41

BILL			
Item	Cost per Unit	Number of Items	Total Cost
Notebook			
Colour Box			
Total Amount: _____			

10. Add.

6

<p>A. 11 kg 950 g and 9 kg 268 g</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">kg</th> <th style="width: 10%;"></th> <th style="width: 10%;">g</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> <td>1</td> <td>9</td> <td>5</td> <td>0</td> </tr> <tr> <td style="text-align: right;">+</td> <td></td> <td>9</td> <td>2</td> <td>6</td> <td>8</td> </tr> <tr> <td></td> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> <tr> <td></td> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> </tbody> </table> <p>11 kg 950 g + 9 kg 268 g = _____ kg _____ g</p>		kg		g				1	1	9	5	0	+		9	2	6	8													<p>B. 23 L 898 ml and 6 L 497 ml</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;">L</th> <th style="width: 10%;"></th> <th style="width: 10%;">ml</th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>3</td> <td>8</td> <td>9</td> <td>8</td> </tr> <tr> <td style="text-align: right;">+</td> <td></td> <td>6</td> <td>4</td> <td>9</td> <td>7</td> </tr> <tr> <td></td> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> <tr> <td></td> <td colspan="5" style="border-top: 1px solid black;"></td> </tr> </tbody> </table> <p>23 L 898 ml + 6 L 497 ml = _____ L _____ ml</p>		L		ml				2	3	8	9	8	+		6	4	9	7												
	kg		g																																																										
	1	1	9	5	0																																																								
+		9	2	6	8																																																								
	L		ml																																																										
	2	3	8	9	8																																																								
+		6	4	9	7																																																								

PART II – Long Answer Questions

40 Marks

11. Solve the given problems. SHOW ALL WORK.

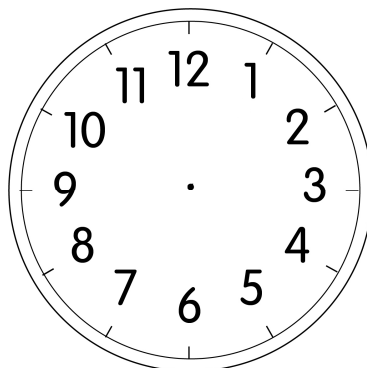
7

- A.** A cyclist participated in a bicycle race. He covered 20 km 567 m in the first half and 9 km 375 m in the second half. What total distance did he cover?
- B.** If the race was for 40 km, what distance was left for him to complete the race?

12. Do as instructed.

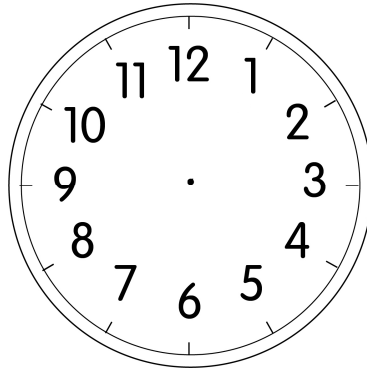
8

- A.** Draw hands on the given clock to show the time 4:45.



- B.** Write the time shown on the clock in words in 2 different ways.

- C. What will the time be after 4 hours 20 minutes? SHOW ALL WORK. Draw hands to show this time on the given clock.



13. Do as instructed.

	9
--	---

- A. Find the area of each given shape (*area of 1 small square = 1 square cm*).

<p>a.</p> <p>Area =</p>	<p>b.</p> <p>Area =</p>
---------------------------------------	---------------------------------------

- B. A man wants to grow vegetables on his rectangular field. The length of the field is 25 m and the breadth is 8 m.
- Find the area of the field where he can grow vegetables.
 - Find the total cost of growing vegetables, if it costs `30 per m^2 .
 - Find the length of wire required to fence the field.

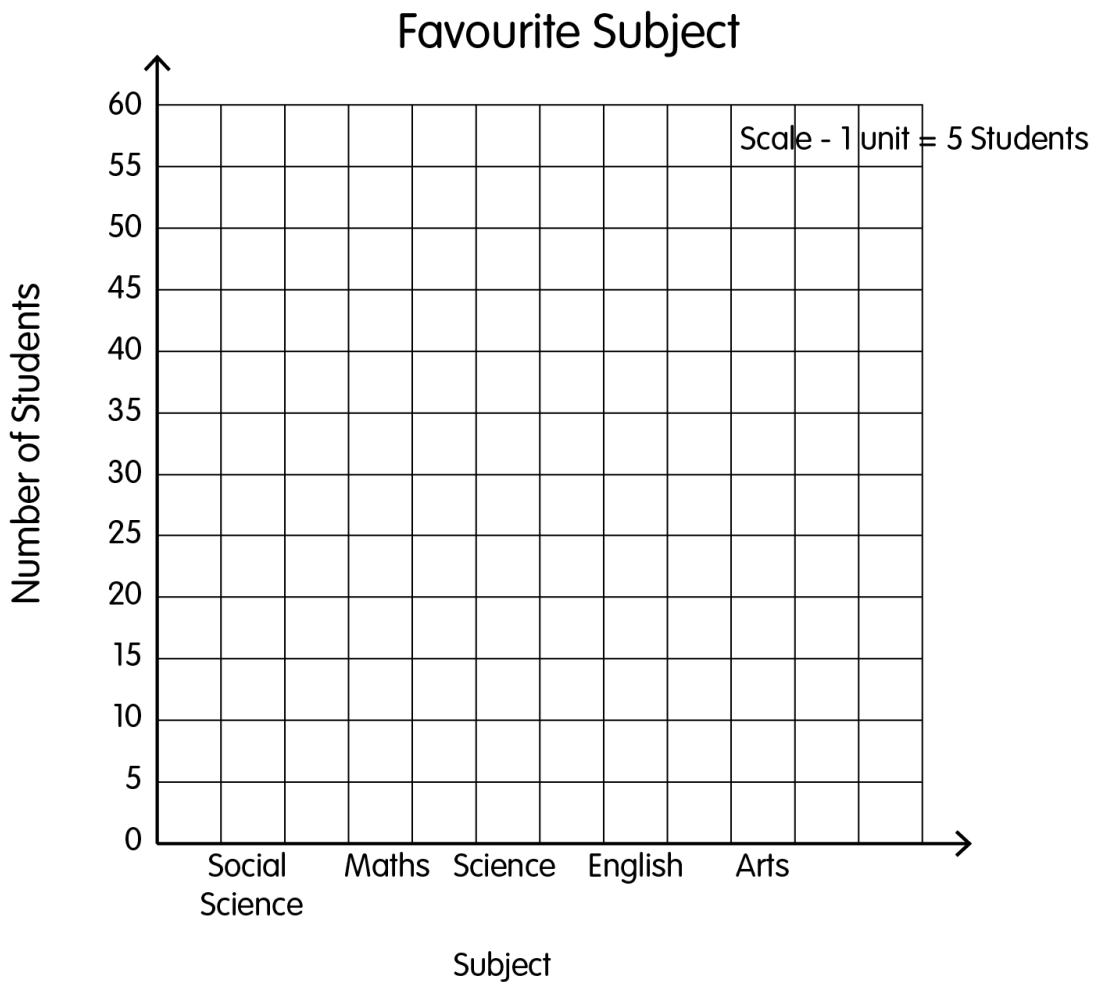
14. Read the given table and answer the questions.

Favourite Subject					
Subject	Social Science	Maths	Science	English	Arts
Number of Students	50	30	30	35	25

A. Which two subjects have been chosen as favourites by an equal number of students?

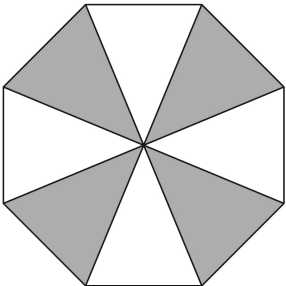
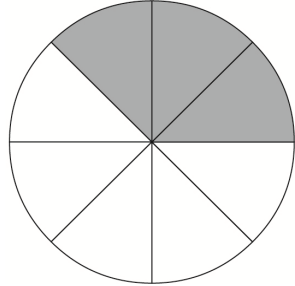
B. Which subject was chosen by half the number of students who chose Social Science as their favourite?

C. Complete the given bar graph to show the data in the table.



15. Do as instructed.

A. Write the fraction for the shaded part in each picture.

<p>a.</p> 	<p>b.</p> 
$\frac{\square}{\square}$	$\frac{\square}{\square}$

B. Find 2 equivalent fractions for each given fraction.

a. $\frac{3}{7}$

b. $\frac{2}{5}$

C. Ramya ate $\frac{4}{9}$ of the watermelon and Karthik ate $\frac{2}{9}$ of the same watermelon. What fraction of the watermelon was left? SHOW ALL WORK.

END OF QUESTIONS IN TEST PAPER

Score Report

Name: _____

Roll No.: _____ Grade: _____ Section: _____

To be filled in by the teacher:

SECTION	QUESTION NUMBER/TOPIC	MARKS	TOTAL MARKS
Part I Short Answer Questions	1. Converting Units of Weight and Capacity		2
	2. Ordering Unit Fractions		3
	3. Finding the Perimeter		3
	4. Finding the Elapsed Time		4
	5. Calculating Fractions of Collections		4
	6. Adding Fractions Using Pictures		4
	7. Solving Word Problems on Adding Weights		4
	8. Solving Word Problems on Dividing 3-Digit Numbers by 2-Digit Numbers		5
	9. Making Bills		5
	10. Adding Weight and Volume		6
PART I SUBTOTAL			40
Part II Long Answer Questions	11. Solving Word Problems on Length		7
	12. Representing Time on a Clock and Finding the End Time		8
	13. Finding the Area and Solving Word Problems on Area and Perimeter		9
	14. Reading Data and Drawing a Bar Graph		7
	15. Representing Fractions, Subtracting and Solving Problems on Fractions		9
PART II SUBTOTAL			40
TOTAL MARKS			80