



# RAFFLES GIRLS' PRIMARY SCHOOL

## TOPICAL TEST 5

Your Score Out of 30 marks	
Parent's Signature	

Name: \_\_\_\_\_ ( )

Class: P 4 \_\_\_

Topic/s: Angles and Squares and Rectangles

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

### Section A : (5 x 2 marks)

Choose the correct answer and write its number in the brackets provided.

1. A quarter of a complete turn is equal to \_\_\_\_\_.

1)  $90^\circ$

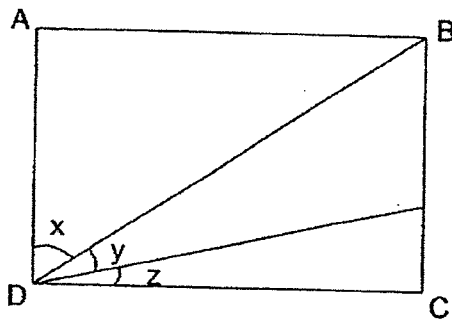
2)  $180^\circ$

3)  $270^\circ$

4)  $360^\circ$

( )

2. In the figure, ABCD is a rectangle.  $\angle x$  is 3 times of  $\angle y$ , and  $\angle y$  is 2 times of  $\angle z$ .  
Find  $\angle x$ .



1)  $10^\circ$

2)  $20^\circ$

3)  $50^\circ$

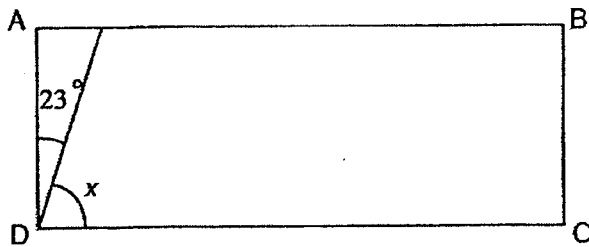
4)  $60^\circ$

( )

The minute hand of a clock moves through \_\_\_\_\_ in half an hour.

- 1)  $90^\circ$                       2)  $180^\circ$   
 3)  $270^\circ$                       4)  $360^\circ$                       (    )

ABCD is a rectangle. Find  $\angle x$ .

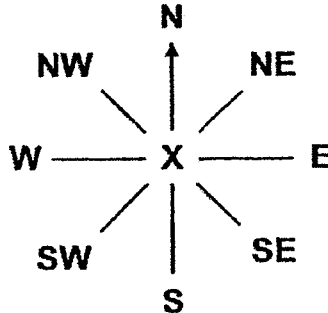


- 1)  $27^\circ$                       2)  $67^\circ$   
 3)  $77^\circ$                       4)  $157^\circ$                       (    )

Loma is standing at Point X and facing South-West.

She makes a  $\frac{3}{4}$  turn in an anti-clockwise direction.

Which direction is she facing now?

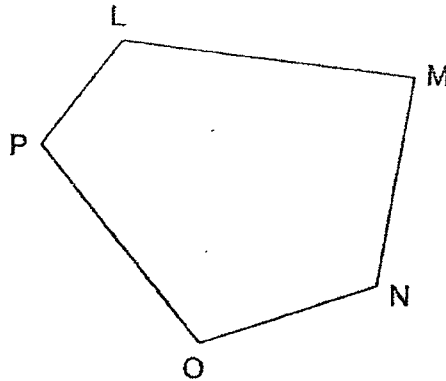


- 1) North                                      2) East  
 3) North-West                                      4) South-East                                      (    )

**Section B: (5 x 2 marks)**

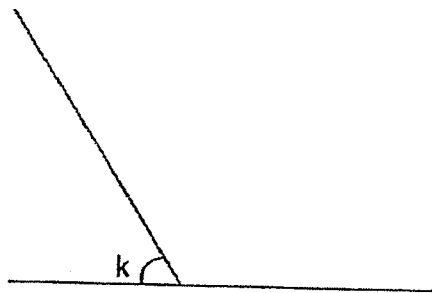
Show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form unless otherwise stated. Marks will be awarded for relevant working.

6. Study the figure below. Using a protractor, measure  $\angle LPO$ .



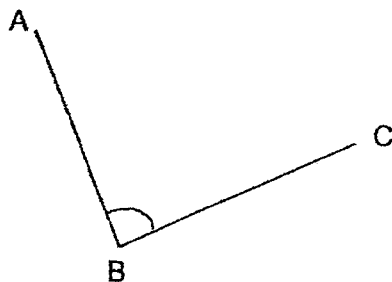
Answer: \_\_\_\_\_

7. Measure  $\angle k$ .



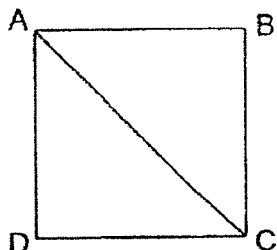
Answer: \_\_\_\_\_

8. Measure  $\angle ABC$ .



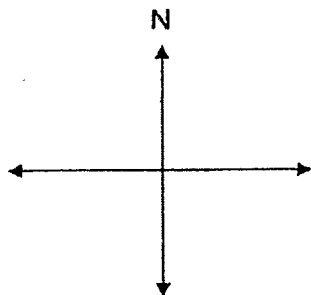
Answer: \_\_\_\_\_

9. The figure below is a square.  
Calculate the value of  $\angle ACD$ .  
*\*Do not measure.*



Answer: \_\_\_\_\_

10. I am facing East.  
Which direction will I face if I make a  $\frac{3}{4}$ -turn to my right?

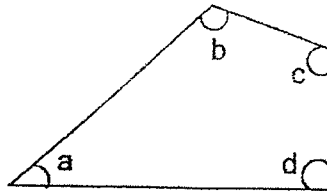


Answer: \_\_\_\_\_

**Section C : (10 marks)**

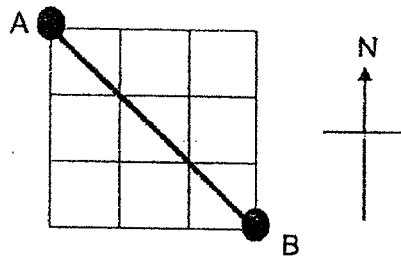
Show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. Answers in fractions must be expressed in the simplest form unless otherwise stated.

11. In the figure below, one of the angles is smaller than a right angle. Name that angle. [1]



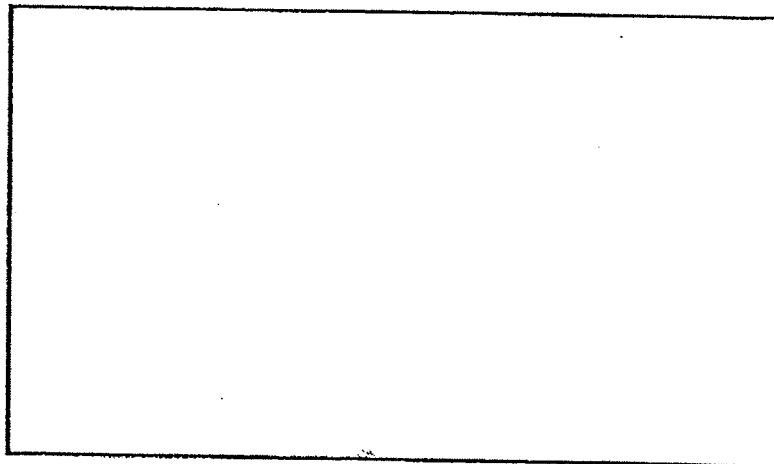
Answer: \_\_\_\_\_

12. Charlie is walking from Point A to Point B. In which direction is he walking towards? [1]



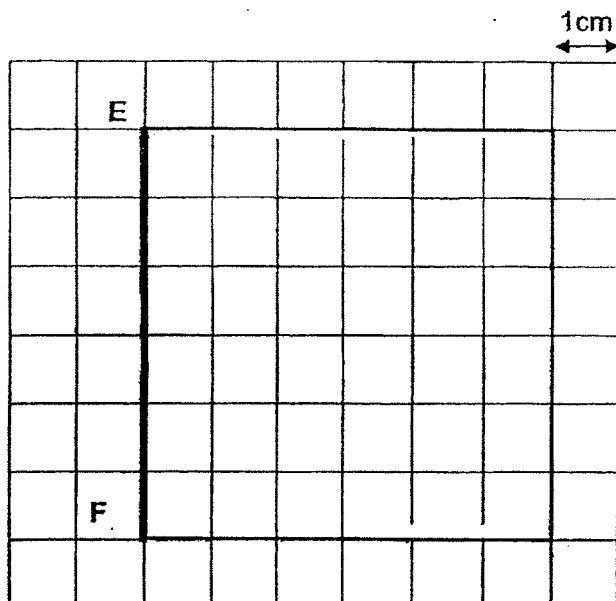
Answer: \_\_\_\_\_

13. Using a protractor and ruler, construct and label an angle of  $120^\circ$  in the box below. [2]



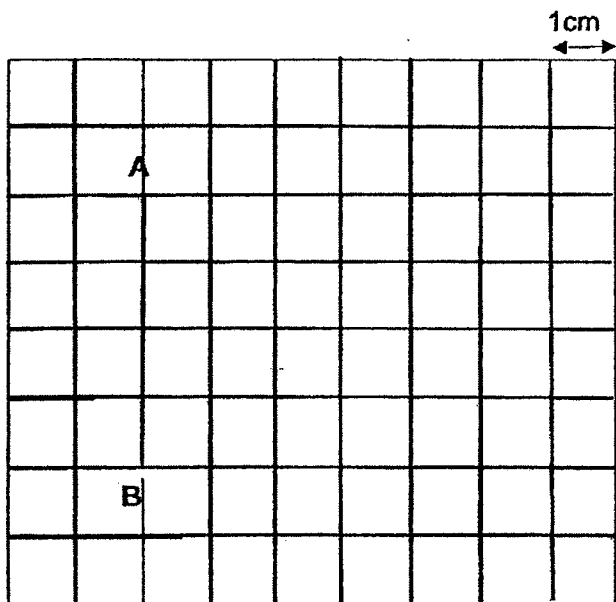
14. Draw and label a square EFGH of side 6 cm.

[3]



15. Draw and label a rectangle ABCD in which  $AB = 4$  cm and  $BC = 6$  cm.

[3]



- End of Paper -

*I have:*

checked through my work carefully at least 2 times after I completed it.  
 [Independent Learner, Cautiousness, Responsibility]

**Self-Reflection:**

Tick the question Number that YOU got it wrong	Possible Reasons	Teacher's Feedback
<input type="checkbox"/> 6	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know how to use a protractor to measure an angle</li> <li><input type="checkbox"/> Does not know how to read the scale on the protractor</li> </ul>	
<input type="checkbox"/> 7	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know how to use a protractor to measure an angle</li> <li><input type="checkbox"/> Does not know how to read the scale on the protractor</li> </ul>	
<input type="checkbox"/> 8	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know how to use a protractor to measure an angle</li> <li><input type="checkbox"/> Does not know how to read the scale on the protractor</li> </ul>	
<input type="checkbox"/> 9	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know that a right angle is 90°</li> <li><input type="checkbox"/> Does not know how to divide 90 by 2</li> </ul>	
<input type="checkbox"/> 10	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know how to use an 8-point Compass to read and locate the direction (North, South, East, West, North-East, South-East, South-West and North-West)</li> <li><input type="checkbox"/> Does not know what is <math>\frac{3}{4}</math> - turn to my right</li> </ul>	
<input type="checkbox"/> 11	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cannot comprehend question</li> <li><input type="checkbox"/> Does not know that a right angle is 90°</li> <li><input type="checkbox"/> Does not know how to read and estimate if the angle is more or less than 90°</li> </ul>	

□ 12	<input type="checkbox"/> Cannot comprehend question <input type="checkbox"/> Does not know how to use an 8-point Compass to read and locate the direction (North, South, East, West, North-East, South-East, South-West and North-West)	
□ 13	<input type="checkbox"/> Cannot comprehend question <input type="checkbox"/> Does not know how to construct and label an angle <input type="checkbox"/> Forgot the unit of an angle	
□ 14	<input type="checkbox"/> Cannot comprehend question <input type="checkbox"/> Does not know how to draw a square using the 1cm-square grid lines provided	
□ 15	<input type="checkbox"/> Cannot comprehend question <input type="checkbox"/> Does not know how to draw a rectangle using the 1cm-square grid lines provided	

Overall, I am



over my

performance.

(Select and circle the best emoticon that best describes your performance)



## ANSWER KEY

YEAR : 2022  
 LEVEL : PRIMARY 4  
 SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL  
 SUBJECT : MATHEMATICS  
 TERM : TOPICAL TEST 5

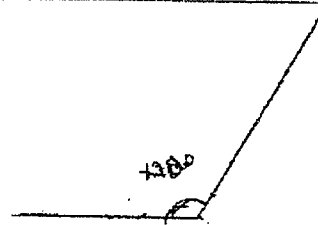
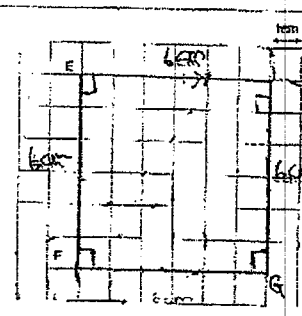
### SECTION A

Q1	1	Q2	4	Q3	2	Q4	2	Q5	3
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### SECTION B

Q6	102°	Q7	59°
Q8	88°	Q9	$90 \div 2 = 45^\circ$
Q10	North		

### SECTION C

<p>Q11 &lt;a</p>	<p>Q12 South-East</p>
<p>Q13</p> 	<p>Q14</p> 
<p>Q15</p> 