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: _____

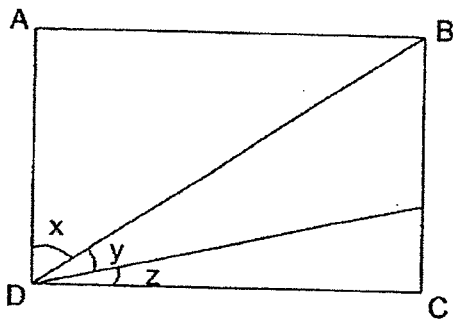
Section A: (5 x 2 marks)
Choose the correct answer and write its number in the brackets provided.

1. A quarter of a complete turn is equal to _____.

   1) 90° 2) 180°

   3) 270° 4) 360° ( )

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



   1) 10° 2) 20°

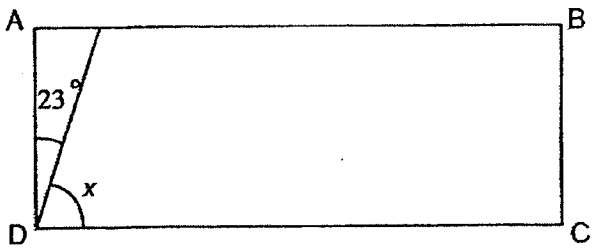
   3) 50° 4) 60° ( )

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

1) 90° 2) 180°

3) 270° 4) 360° ( )

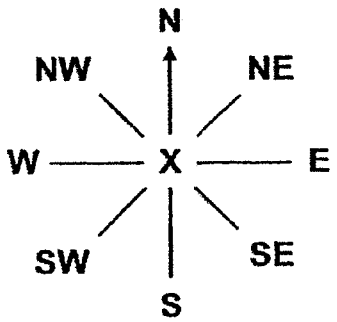
ABCD is a rectangle. Find $\angle x$.



1) 27° 2) 67°

3) 77° 4) 157° ( )

Lorna 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?

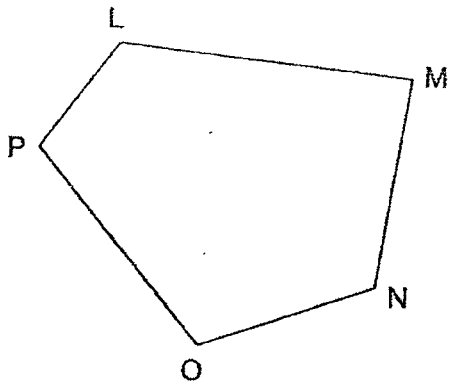


1) North 2) East

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

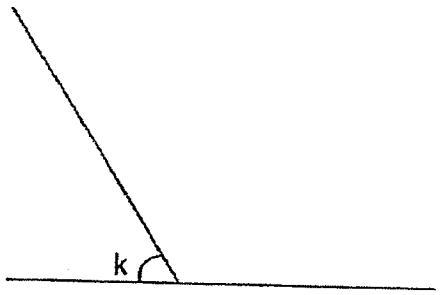
Section B: (5 x 2 marks)
Show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form unless otherwise stated. Marks will be awarded for relevant working.

6. Study the figure below. Using a protractor, measure ∠LPO.



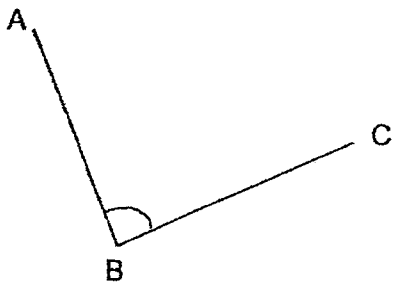
Answer: _____

7. Measure ∠k.



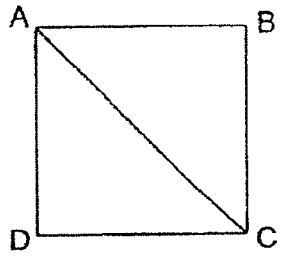
Answer: _____

8. Measure ∠ABC.



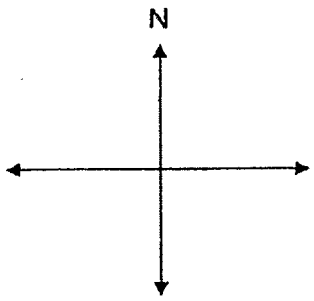
Answer: _____

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



Answer: _____

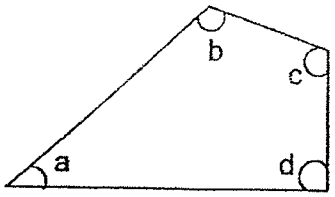
10. I am facing East.
Which direction will I face if I make a $\frac{3}{4}$ - turn to my right?



Answer: _____

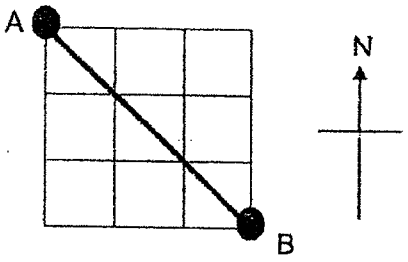
Section C : (10 marks)
Show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. Answers in fractions must be expressed in the simplest form unless otherwise stated.

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



Answer: _____

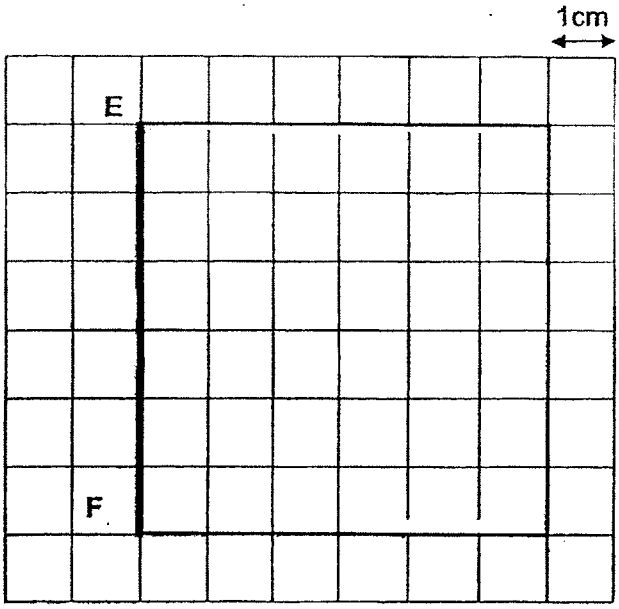
12. Charlie is walking from Point A to Point B. In which direction is he walking towards? [1]



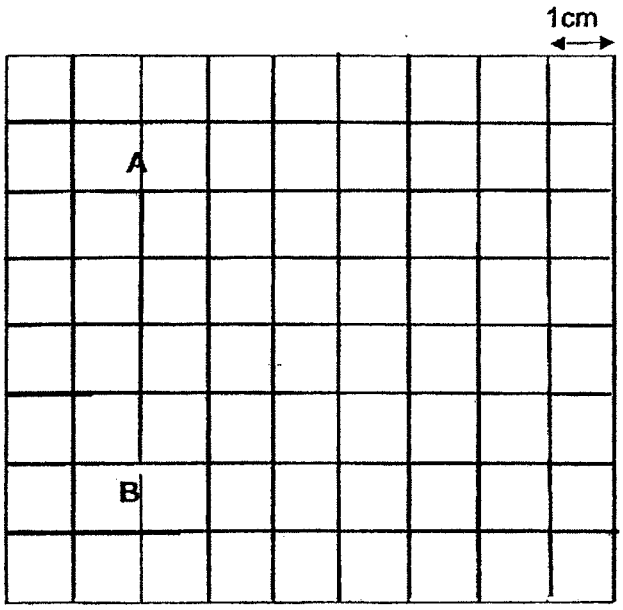
Answer: _____

13. Using a protractor and ruler, construct and label an angle of 120° 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
☐ 6	▫ Cannot comprehend question ▫ Does not know how to use a protractor to measure an angle ▫ Does not know how to read the scale on the protractor	
☐ 7	▫ Cannot comprehend question ▫ Does not know how to use a protractor to measure an angle ▫ Does not know how to read the scale on the protractor	
☐ 8	▫ Cannot comprehend question ▫ Does not know how to use a protractor to measure an angle ▫ Does not know how to read the scale on the protractor	
☐ 9	▫ Cannot comprehend question ▫ Does not know that a right angle is 90° ▫ Does not know how to divide 90 by 2	
☐ 10	▫ Cannot comprehend question ▫ 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) ▫ Does not know what is $\frac{3}{4}$ - turn to my right	
☐ 11	▫ Cannot comprehend question ▫ Does not know that a right angle is 90° ▫ Does not know how to read and estimate if the angle is more or less than 90°	

☐ 12	▫ Cannot comprehend question ▫ 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	▫ Cannot comprehend question ▫ Does not know how to construct and label an angle ▫ Forgot the unit of an angle	
☐ 14	▫ Cannot comprehend question ▫ Does not know how to draw a square using the 1cm-square grid lines provided	
☐ 15	▫ Cannot comprehend question ▫ 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 peformance)

ANSWER KEY

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

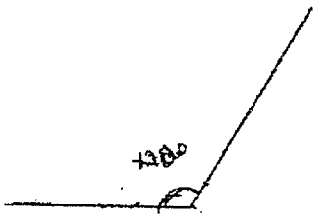
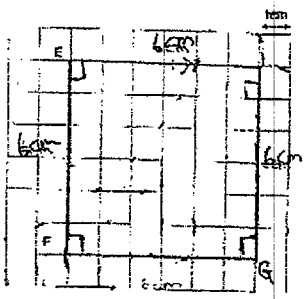
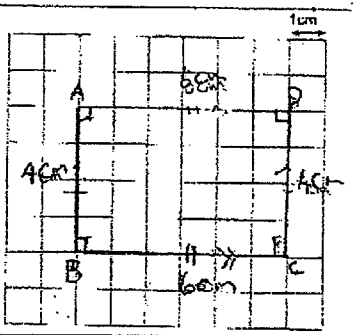
SECTION A

Q1	1	Q2	4	Q3	2	Q4	2	Q5	3

SECTION B

Q6	102°	Q7	59°
Q8	88°	Q9	90÷2=45°
Q10	North		

SECTION C

Q11	<a	Q12	South-East
Q13		Q14	
Q15