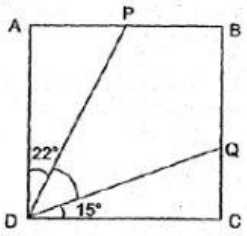
IQ School Maths
Primary 4 ES Review for month of January 2022

Name: ( )	Class:	Date:
Parent's Signature:	Results: /44	%

Section A: Multiple Choice Questions

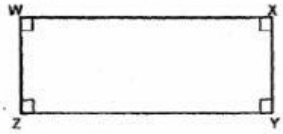
Choose the most suitable answer and write it in the brackets provided.

1. ABCD is a square. Find ∠PDQ.



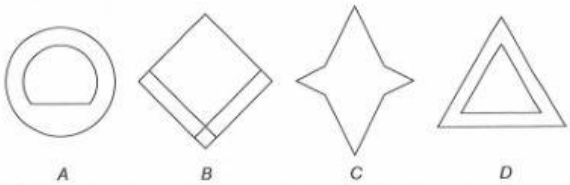
(a) 23° (c) 37°
(b) 30° (d) 53° ( )

2. WXYZ is a rectangle. How many pairs of parallel lines are there?



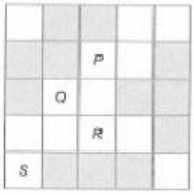
(a) 1 (c) 3
(b) 2 (d) 4 ( )

3. Which of the following figures have more than 1 line of symmetry?



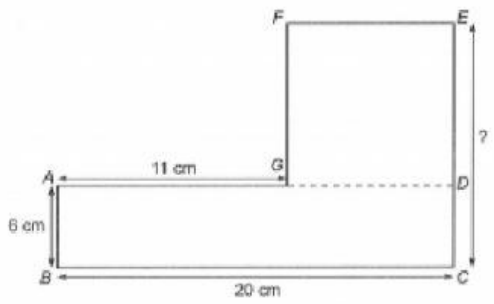
(a) A and B only (c) B and C only
(b) A and D only (d) C and D only ( )

4. Which square P, Q, R, or S must be shaded to make the figure symmetrical?



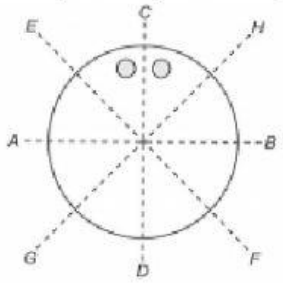
(a) P (c) R
(b) Q (d) S ( )

5. The figure below is not drawn to scale. It is made up of a square and a rectangle. Find the length of CE.



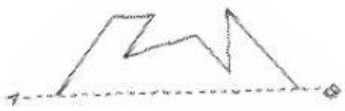
(a) 9 cm (c) 15 cm
(b) 12 cm (d) 18 cm ( )

6. Which of the lines is the line of symmetry for the figure?

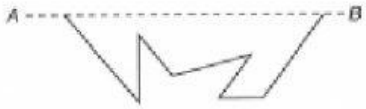


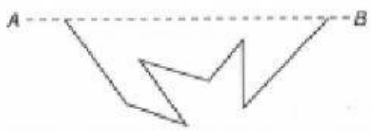
(a) AB (c) EF
(b) CD (d) GH ( )

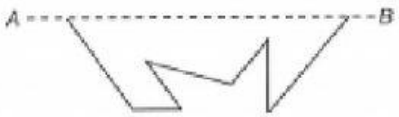
7. Which of the following is a symmetrical image of the given figure along the line of symmetry AB?



(a)

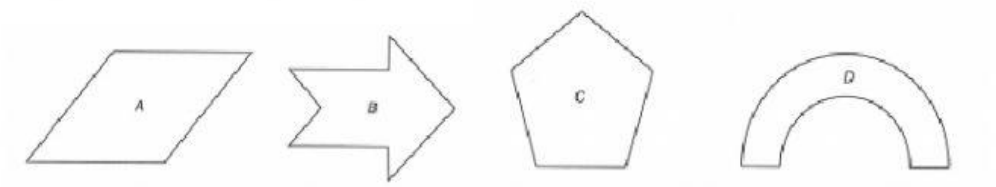

(c)


(b)


(d)


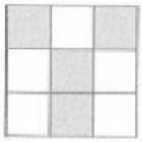
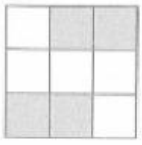
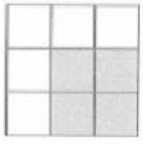
( )

8. Which of the following is a symmetric figure?



(a) A only
(b) B and D only
(c) B, C, and D only
(d) A, B, C and D ( )

9. Study the figures below. Which one is not a symmetric figure?

(a) 
(c) 
(b) 
(d) 
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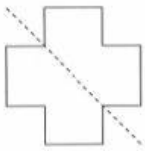
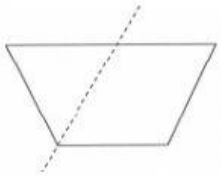
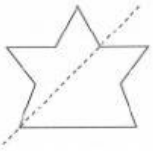
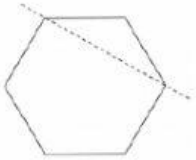
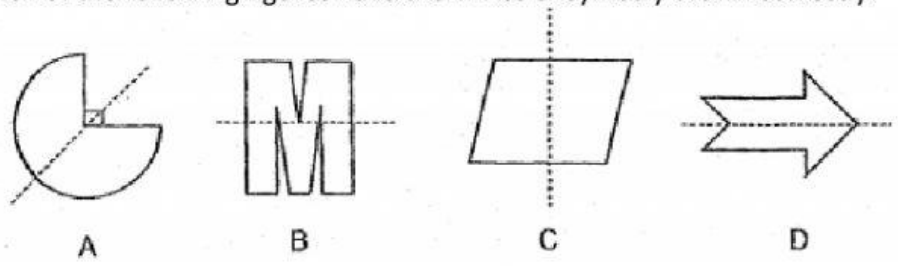
10. In which of the figures below is the dotted line a line of symmetry?

(a) 
(c) 
(b) 
(d) 
( )

11. Which one of the following letters below has 2 lines of symmetry?

(a) H
E
(b)
(c) A
W
(d)
( )

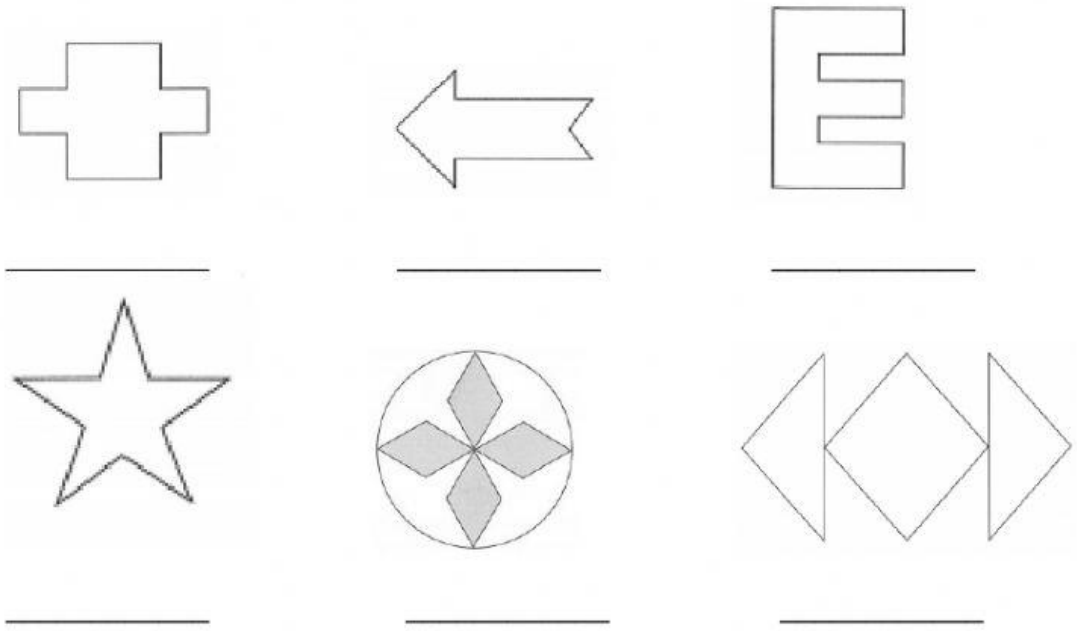
12. Which of the following figures have their lines of symetry drawn correctly?



(a) A and B (b) A and D
(c) B and C (d) C and D ( )

Section B. Short-Answer Questions

13. How many lines of symmetry are there in each of the following?

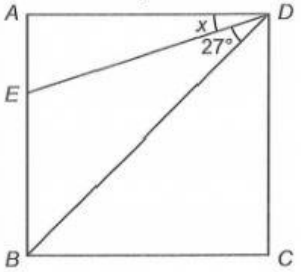


_____ _____ _____

_____ _____ _____

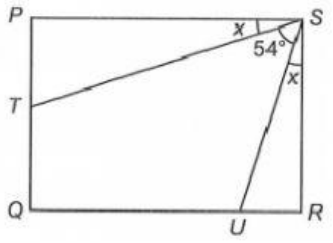
14. Study the figures below. Fill in the blanks.

a. ABCD is a square.



∠x = _____°

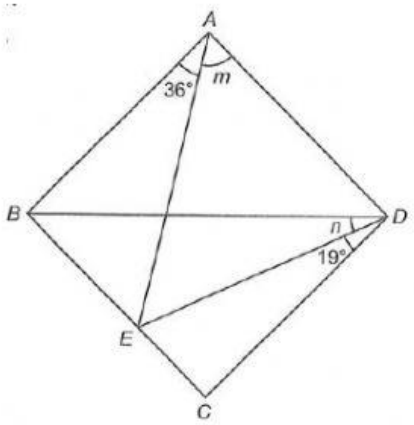
b. PQRS is a rectangle.

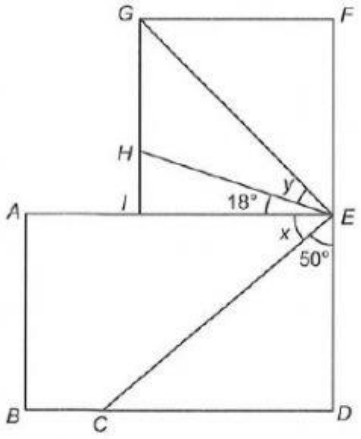


∠x = _____°

c. EFGJ and IHGJ are identical squares.

d. EFGI is a square and ABDE is a rectangle.





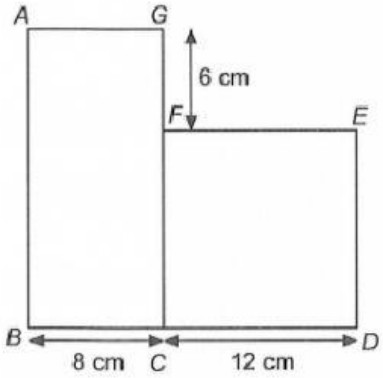
∠m = _____ °

∠n = _____ °

∠x = _____ °

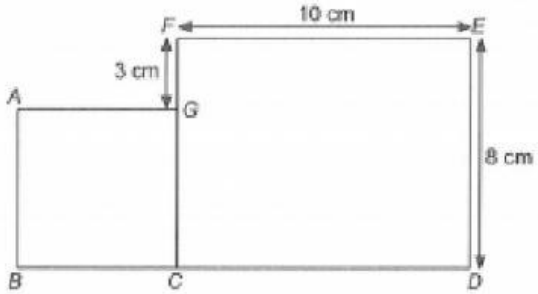
∠y = _____ °

15. The figure below is made up of a square and a rectangle. Find the length of AB.



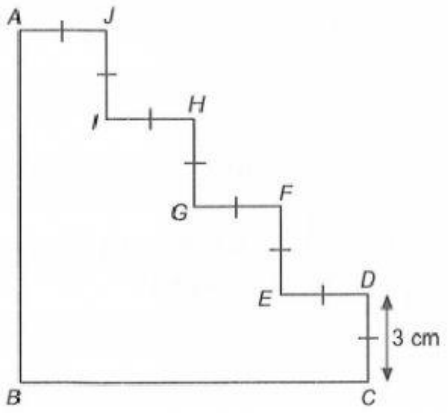
Ans: _____

16. The figure below is not drawn to scale. It is made up to a square ABCG and a rectangle CDEF. Find the length of BD.



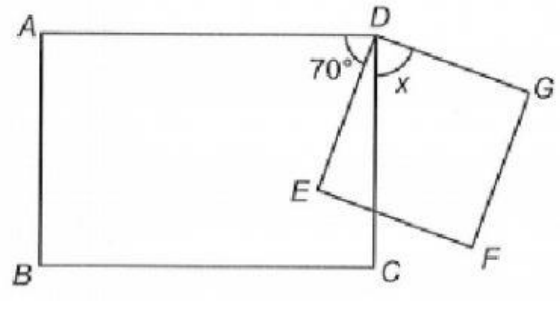
Ans: _____ cm

17. All lines in the figure below meet at right angles. Find the total length of AB and BC.



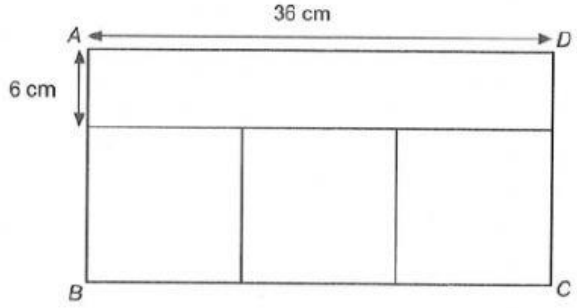
Ans: _____

18. ABCD is a rectangle and DEFG is a square. Find $\angle x$.



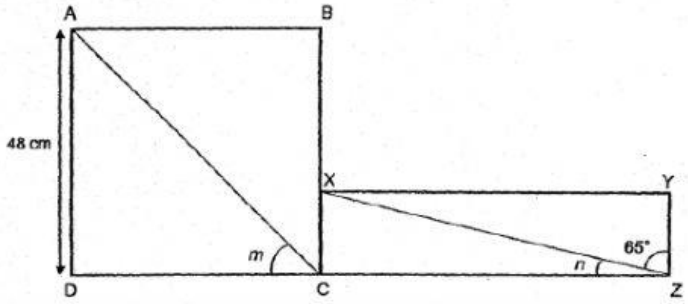
Ans: _____°

19. Rectangle ABCD below is made up of a rectangle and 3 identical squares. Find the length of CD.



Ans: _____

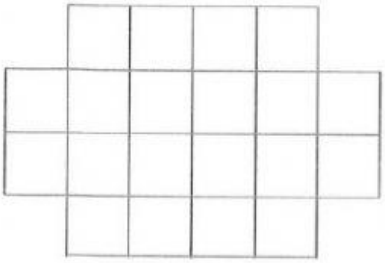
20. The figure below is made up of a square ABCD and a rectangle XYZC. BX is twice as long as XC and AD = 48 cm.
    a. Find the length of XC.
    b. Find the sum of ∠m and ∠n.



Ans: a. _____

b. _____

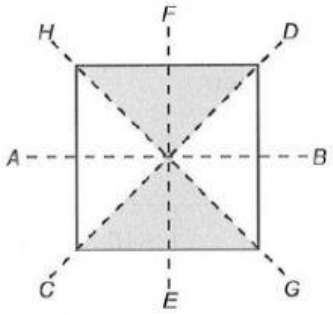
21. How many squares are there in the figure below?



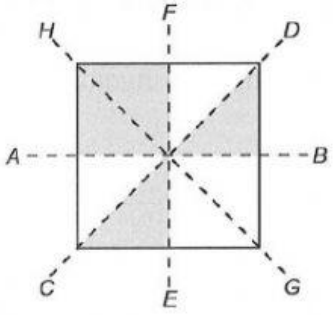
Ans: _____

22. Write down all the lines of symmetry of each figure.

(a)



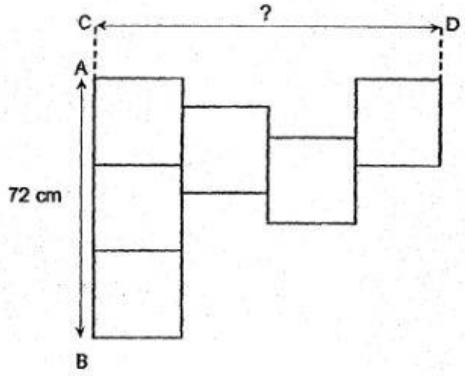
(b)



Ans: a. _____

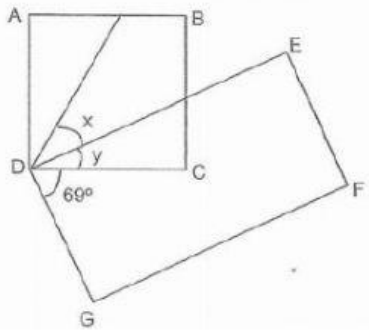
b. _____

23. The figure below is made up of identical squares. The length of AB is 72 cm. Find the length of CD?



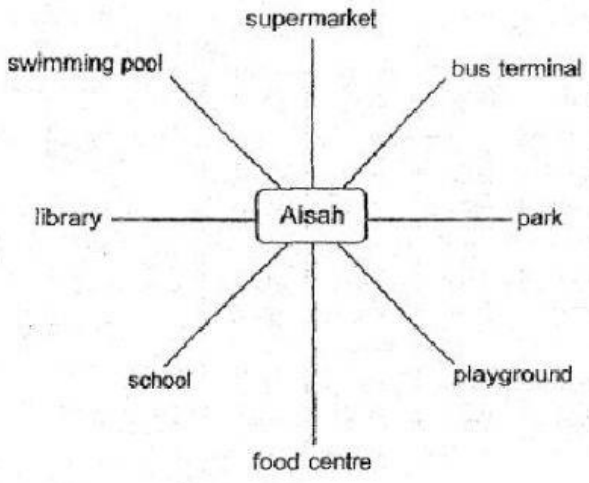
Ans: _____

24. The figure is made up of a square ABCD and a rectangle DEFG.
$\angle$CDG is 69°. $\angle$x is twice of $\angle$y. Find $\angle$ x.



Ans: _____

25. Fill in the blanks.



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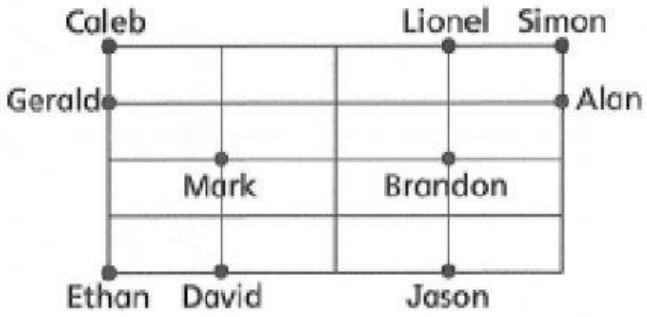
Primary 4 ES Review for month of January 2022

	Aisah is facing the	If he turns	he will be facing the
a.	food center	225° anticlockwise	_____
b.	Library	_____ clockwise	playground
c.	_____	135° anticlockwise	park
d.	school	90° _____	Swimming pool

26. Look at the diagram below and answer the following questions.



a. Norman walks from David's house to Mark's house. He then makes a ¼ turn to his right and walks to _____'s house. After that, Norman makes an anticlockwise ¼ turn and walks to _____'s house. Finally, he makes a ½ turn before walking to the end of the line.

b. Whose house will Norman be at the end of his journey?

Ans: _____'s house

c. If Norman had started his journey at Simon's house to Alan's house and made the same turns, whose house would he end up at?

Ans: _____'s house

*** End of paper ***