

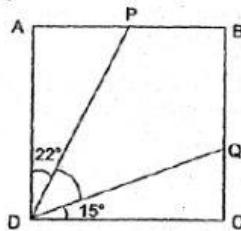


Name: ()	Class:	Date:
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Section A: Multiple Choice Questions

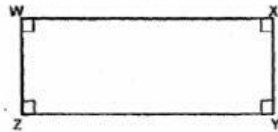
Choose the most suitable answer and write it in the brackets provided.

1. ABCD is a square. Find $\angle PDQ$.



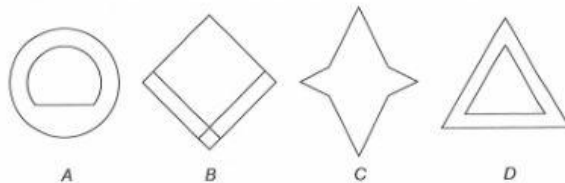
- (a) 23° (c) 37°
(b) 30° (d) 53° ()

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



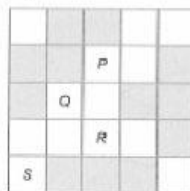
- (a) 1 (c) 3
(b) 2 (d) 4 ()

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?

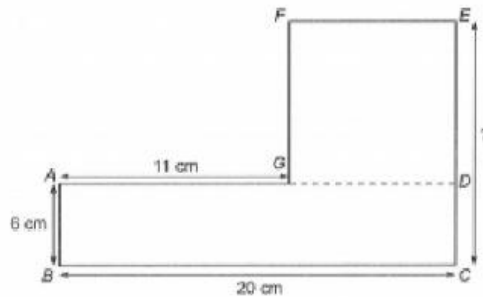


- (a) P (c) R
(b) Q (d) S ()



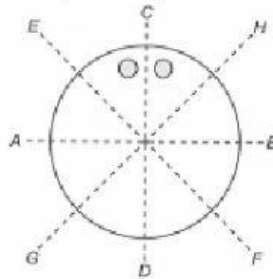


5. The figure below is not drawn to scale. It is made up of a square and a rectangle. Find the length of CE.



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

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



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

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



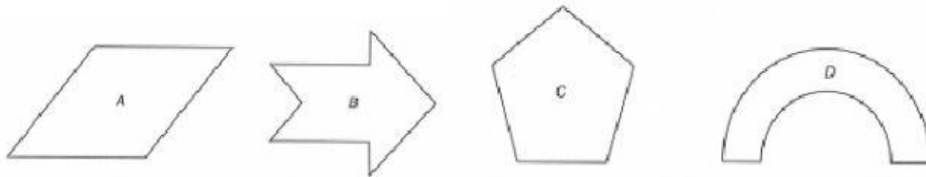
- (a)
- (b)
- (c)
- (d)

()



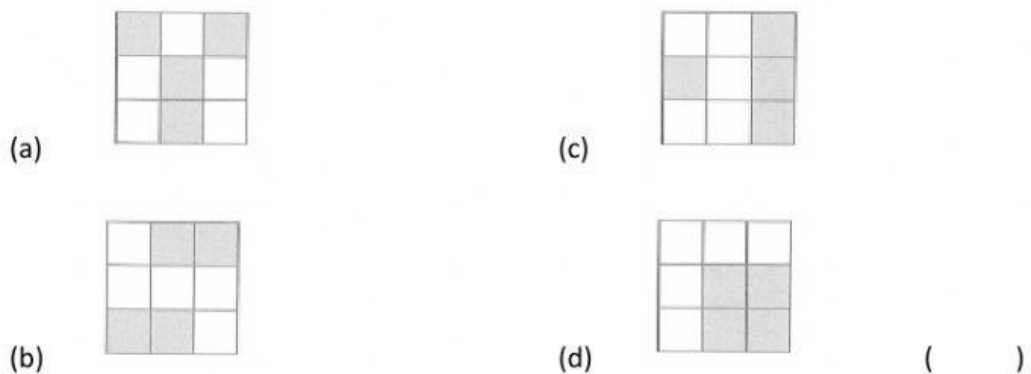


8. Which of the following is a symmetric figure?

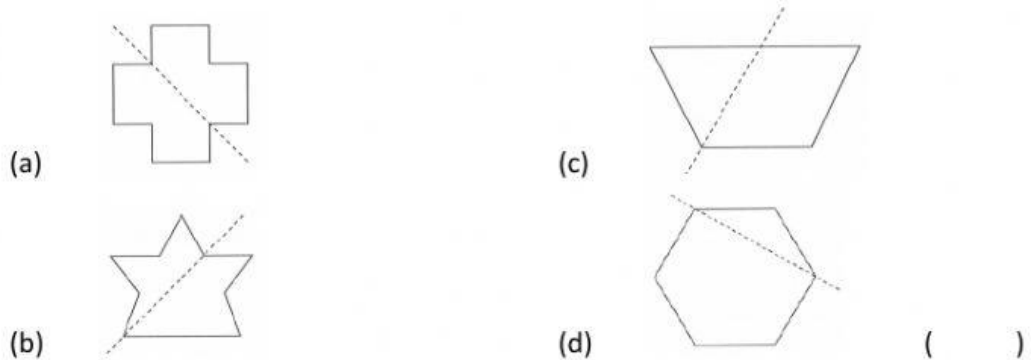


- (a) A only
(b) B and D only
(c) B, C, and D only
(d) A, B, C and D ()

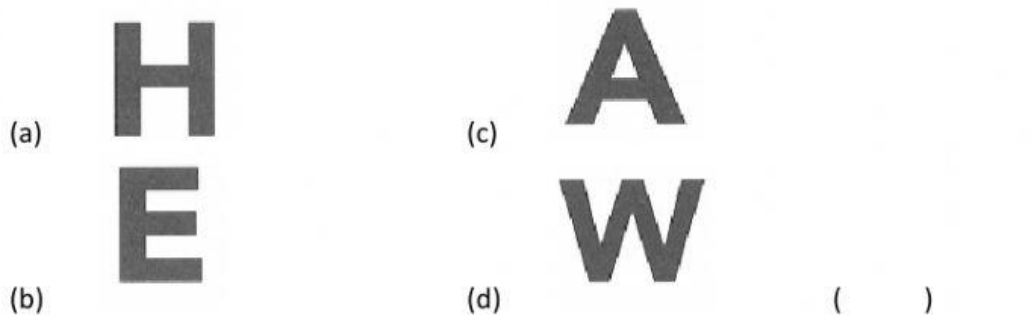
9. Study the figures below. Which one is not a symmetric figure?



10. In which of the figures below is the dotted line a line of symmetry?

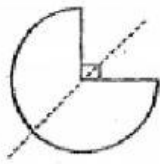


11. Which one of the following letters below has 2 lines of symmetry?





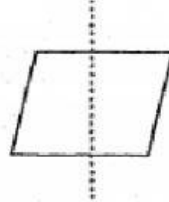
12. Which of the following figures have their lines of symmetry drawn correctly?



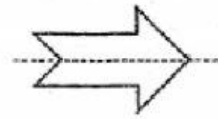
A



B



C



D

(a) A and B

(b) A and D

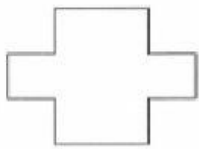
(c) B and C

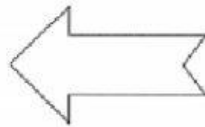
(d) C and D

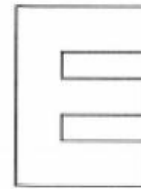
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Section B. Short-Answer Questions

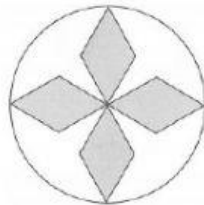
13. How many lines of symmetry are there in each of the following?

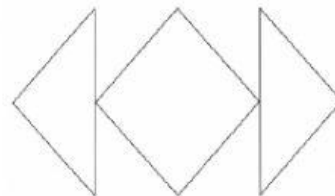






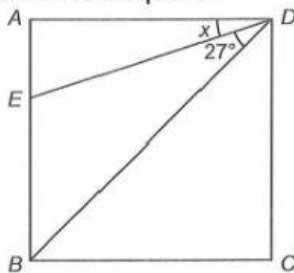






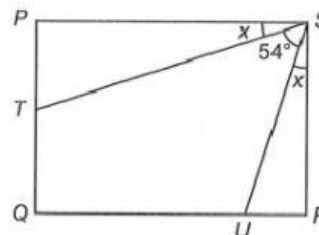
14. Study the figures below. Fill in the blanks.

a. ABCD is a square.



$\angle x = \underline{\hspace{2cm}}^\circ$

b. PQRS is a rectangle.

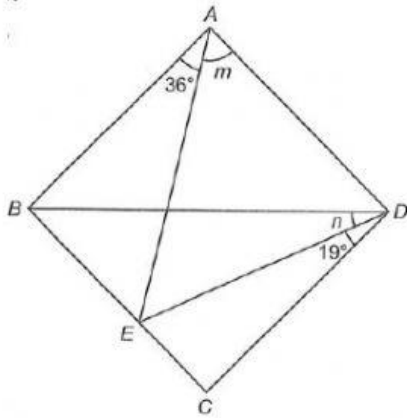


$\angle x = \underline{\hspace{2cm}}^\circ$



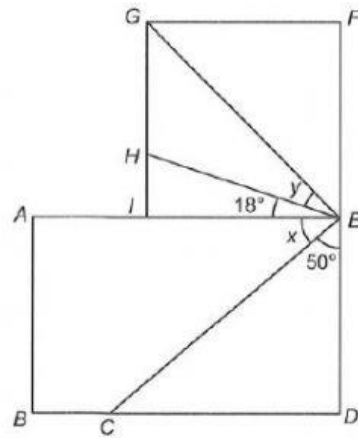


- c. EFGJ and IHGJ are identical squares. d. EFGI is a square and ABDE is a rectangle.



$\angle m = \underline{\hspace{2cm}}^\circ$

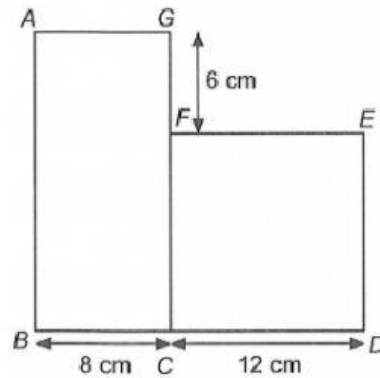
$\angle n = \underline{\hspace{2cm}}^\circ$



$\angle x = \underline{\hspace{2cm}}^\circ$

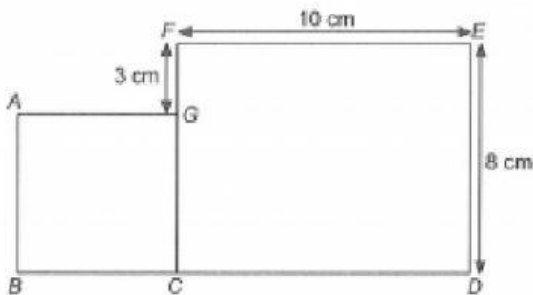
$\angle y = \underline{\hspace{2cm}}^\circ$

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.

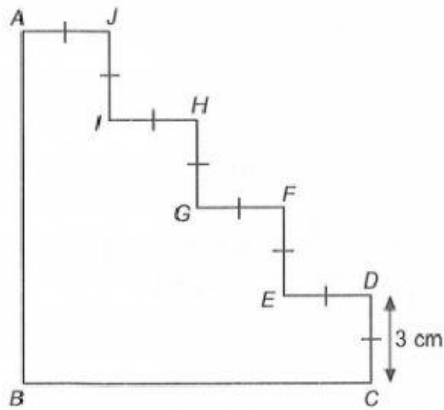


Ans: _____ cm



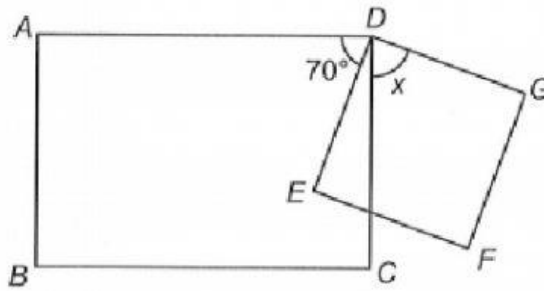


17. All lines in the figure below meet at right angles. Find the total length of AB and BC.



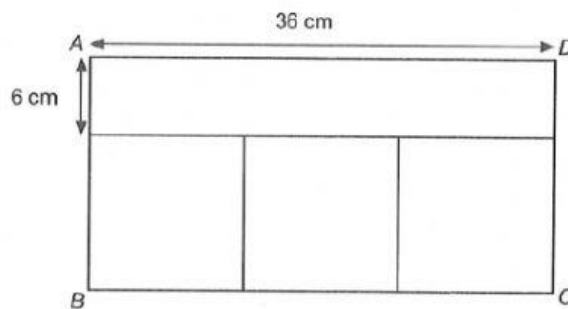
Ans: _____

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



Ans: _____°

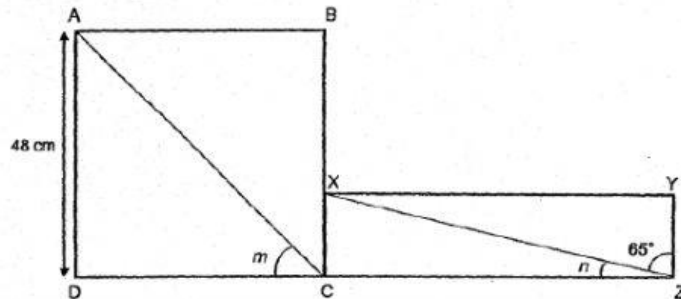
19. Rectangle ABCD below is made up of a rectangle and 3 identical squares. Find the length of CD.



Ans: _____

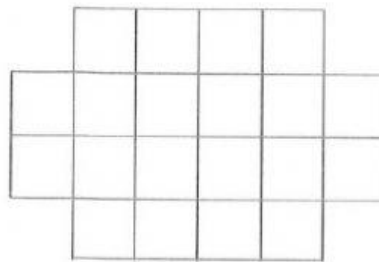


20. The figure below is made up of a square ABCD and a rectangle XYZC. BX is twice as long as XC and $AD = 48$ cm.
- Find the length of XC.
 - Find the sum of $\angle m$ and $\angle n$.



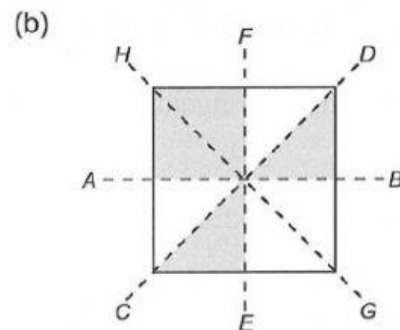
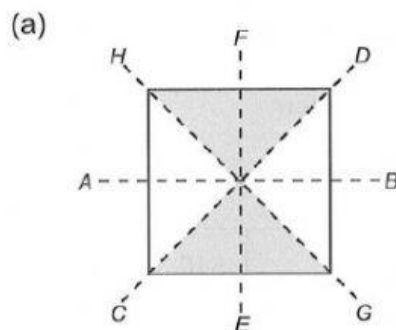
Ans: a. _____
b. _____

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



Ans: _____

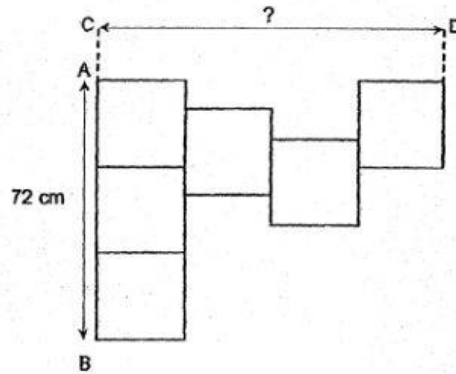
22. Write down all the lines of symmetry of each figure.



Ans: a. _____
b. _____

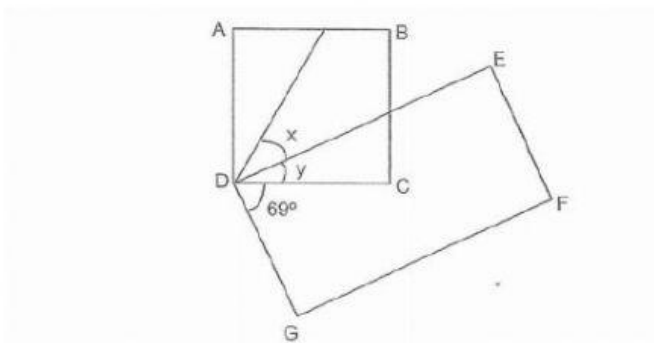


23. The figure below is made up of identical squares. The length of AB is 72 cm. Find the length of CD?



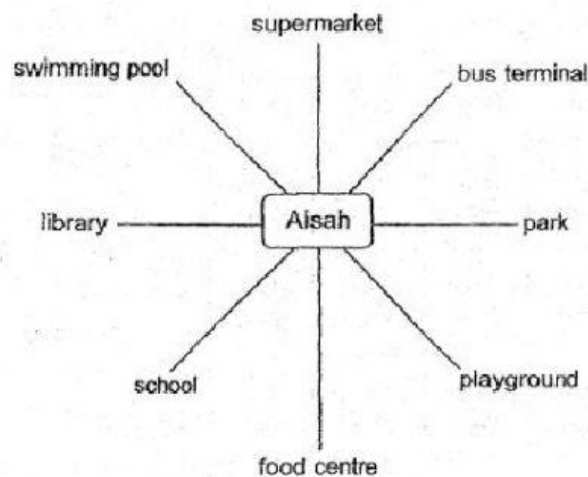
Ans: _____

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: _____

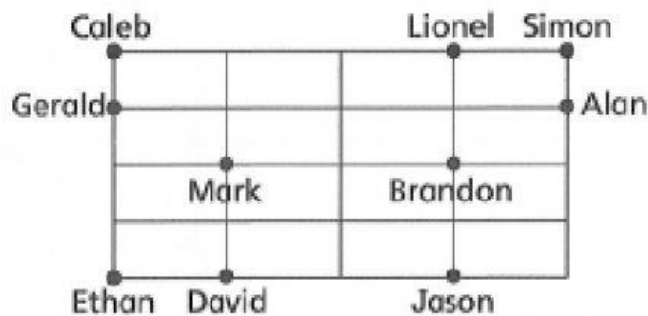
25. Fill in the blanks.





	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 $\frac{1}{4}$ turn to his right and walks to _____'s house. After that, Norman makes an anticlockwise $\frac{1}{4}$ turn and walks to _____'s house. Finally, he makes a $\frac{1}{2}$ 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

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