

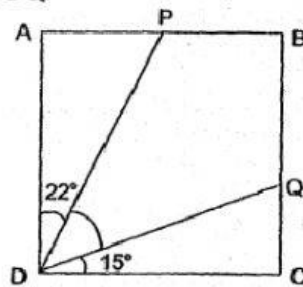


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Section A: Multiple Choice Questions

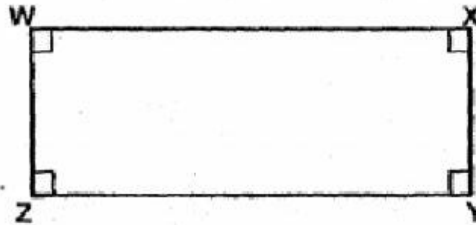
Choose the most suitable answer and write it in the brackets provided.

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



- (a) 23° (c) 37°
(b) 30° (d) 53° ()

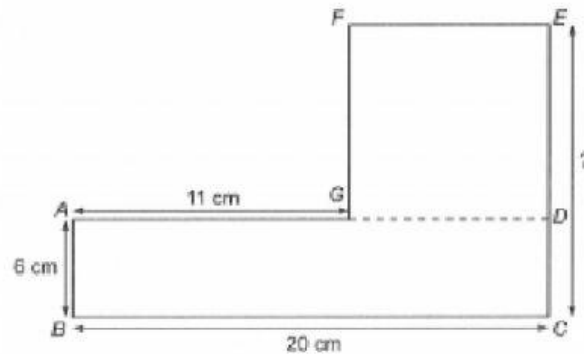
2. WXYZ is a rectangle. How many pairs of parallel lines are there?



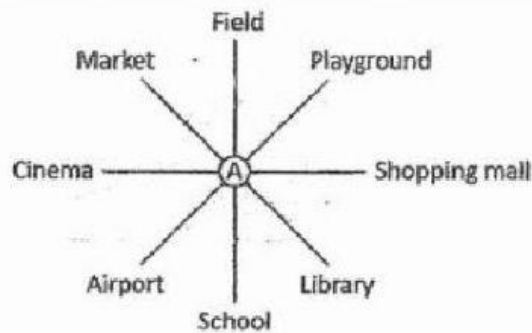
- (a) 1 (c) 3
(b) 2 (d) 4 ()
3. Henry is facing east. He made a turn in an anticlockwise direction and is now facing south. How many right angles did he turn?
- (a) 1 (c) 3
(b) 2 (d) 4 ()
4. Ryan is facing east. If he turns 315° anticlockwise, which direction will he face?
- (a) North-east (c) South-east
(b) North-west (d) South-west ()



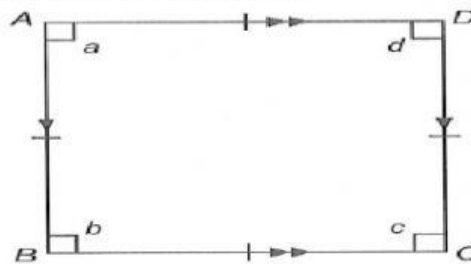
5. The figure below is not drawn to scale. It is made up of a square and a rectangle. Find the length of CE.



- (a) 9 cm (c) 15 cm
(b) 12 cm (d) 18 cm ()
6. Adrian is standing at Point A and facing the library.
He makes a $\frac{3}{4}$ turn anti-clockwise. Where is Adrian facing now?



- (a) playground (c) airport
(b) market (d) cinema ()
7. ABCD is a rectangle. Which statement is incorrect?

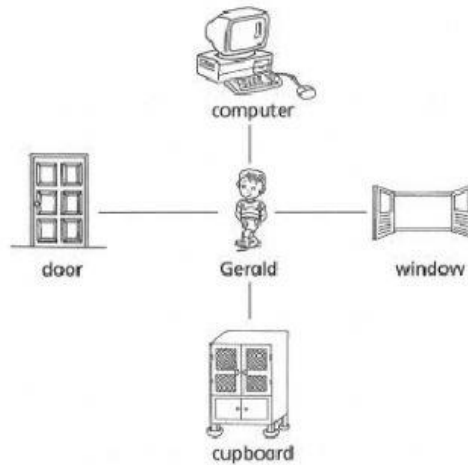


- (a) All sides are equal (c) All angles are right angles
(b) Opposite sides are parallel (d) Opposite sides are equal

()



8. Gerald is facing the door. He turns 3 right angles in an anticlockwise direction. What will he be facing?



- (a) door
(b) cupboard
(c) window
(d) computer ()
9. Joe is facing north-east. Which direction will she face if she makes a $\frac{1}{4}$ turn anticlockwise?
- (a) North-east
(b) North-west
(c) South-east
(d) South-west ()
10. The clock shows 9 o'clock. What is the angle that is formed by the minute hand when it is 9.30?



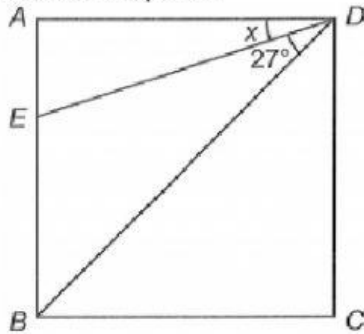
- (a) 90°
(b) 180°
(c) 270°
(d) 360° ()



Section B. Short-Answer Questions

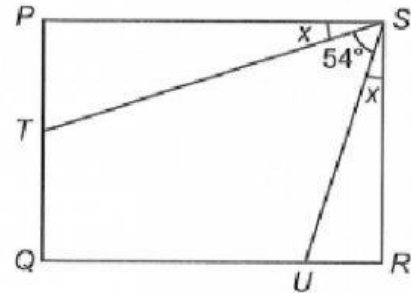
11. Study the figures below. Fill in the blanks.

a. ABCD is a square.



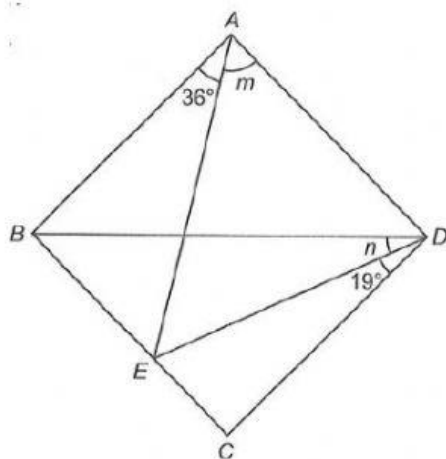
$\angle x = \underline{\hspace{2cm}}^\circ$

b. PQRS is a rectangle.



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

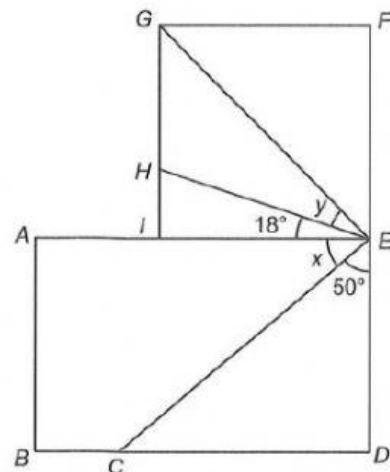
c. EFGJ and IHGJ are identical squares.



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

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

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

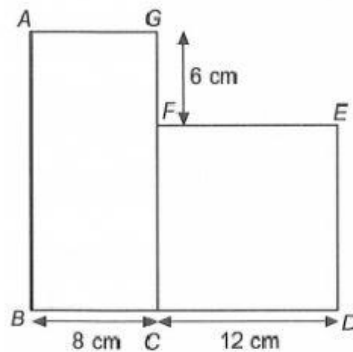


$\angle x = \underline{\hspace{2cm}}^\circ$

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

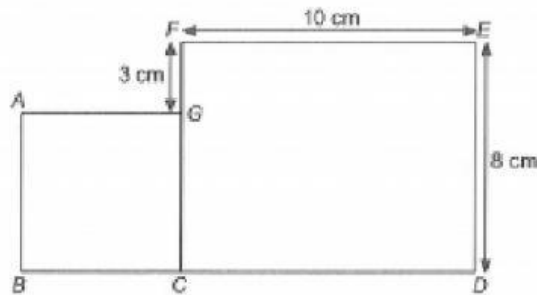


12. The figure below is made up of a square and a rectangle. Find the length of AB.



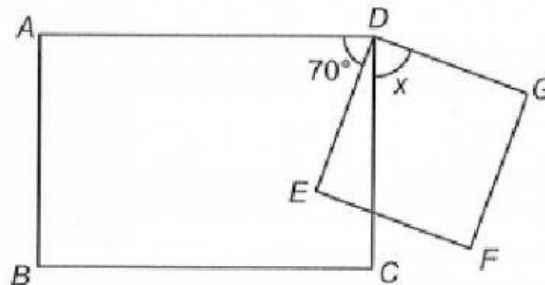
Ans: _____

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



Ans: _____ cm

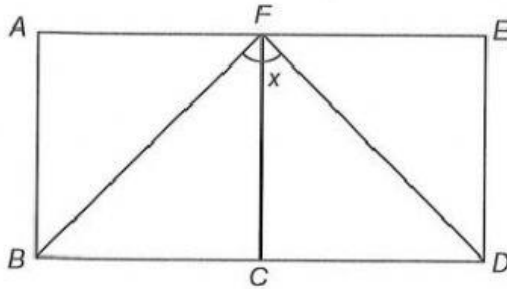
14. ABCD is a rectangle and DEFG is a square. Find $\angle x$.



Ans: _____ °

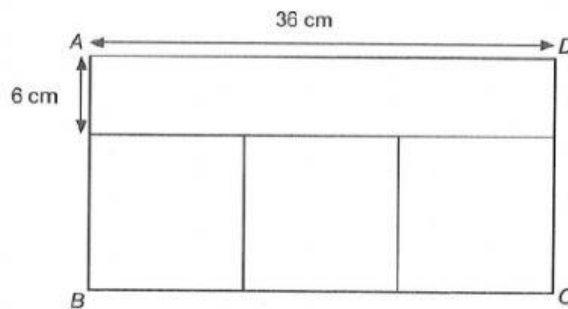


15. ABCF and CDEF are squares. Find $\angle x$.



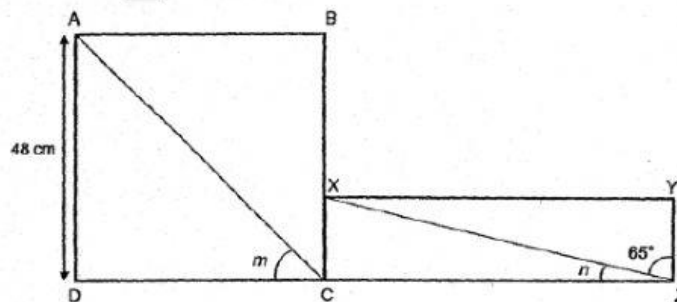
Ans: _____

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



Ans: _____

17. 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 $\angle n$.

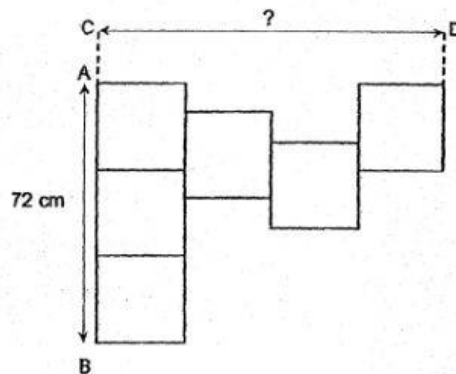


Ans: a. _____

b. _____

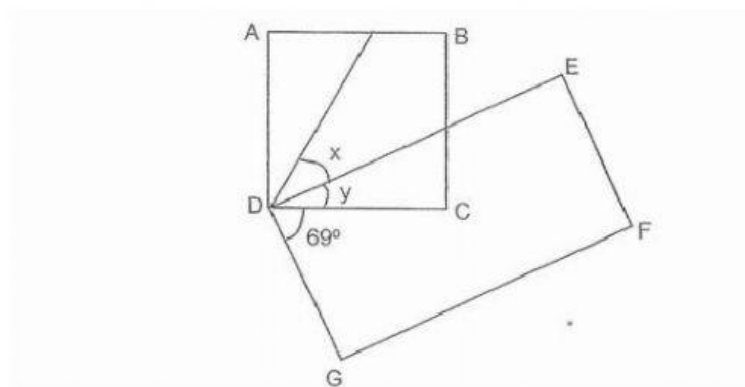


18. The figure below is made up of identical squares. The length of AB is 72 cm. Find the length of CD?



Ans: _____

19. 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 $\angle x$ and $\angle y$

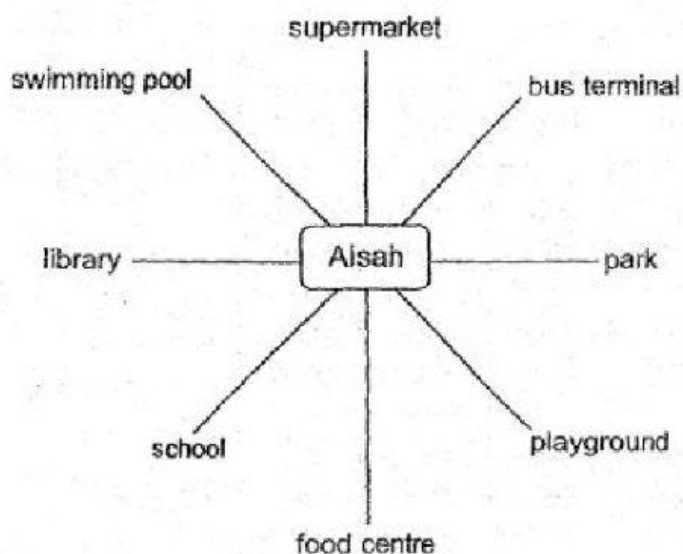


Ans: $\angle x =$ _____ $^\circ$

$\angle y =$ _____ $^\circ$



20. 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

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