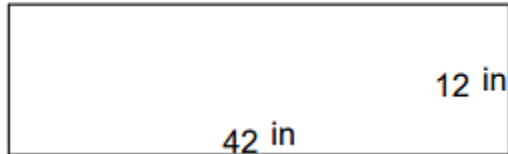


Worksheet

How Many Square

Q.1. Find the perimeter and area of each rectangle.

(a)

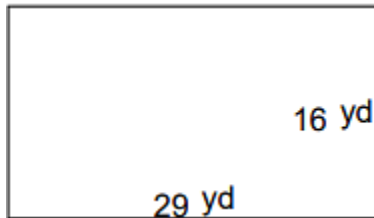


Ans.

$$\text{Perimeter} = 42 + 12 + 42 + 12 = 108 \text{ in}$$

$$\text{Area} = 42 \times 12 = 504 \text{ in}^2$$

(b)

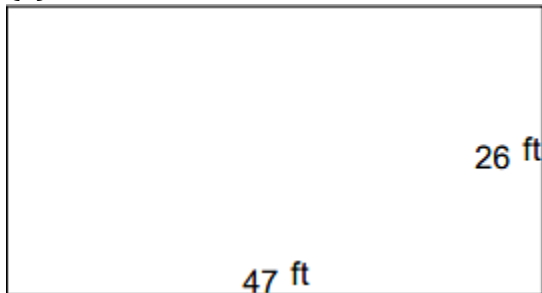


Ans.

$$\text{Perimeter} = 29 + 16 + 29 + 16 = 90 \text{ yd}$$

$$\text{Area} = 29 \times 16 = 464 \text{ yd}^2$$

(c)

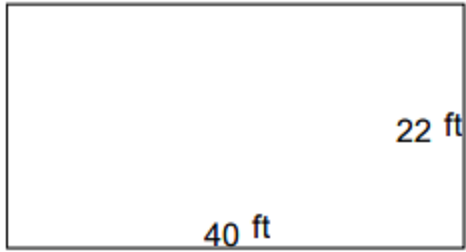


Ans.

$$\text{Perimeter} = 47 + 26 + 47 + 26 = 146 \text{ ft}$$

$$\text{Area} = 47 \times 26 = 1,222 \text{ ft}^2$$

(d)

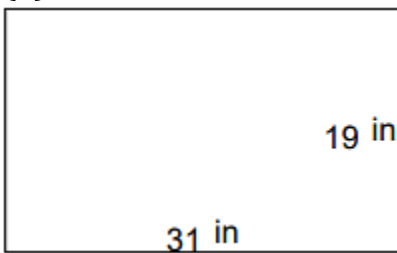


Ans.

$$\text{Perimeter} = 40 + 22 + 40 + 22 = 124 \text{ ft}$$

$$\text{Area} = 40 \times 22 = 880 \text{ ft}^2$$

(e)

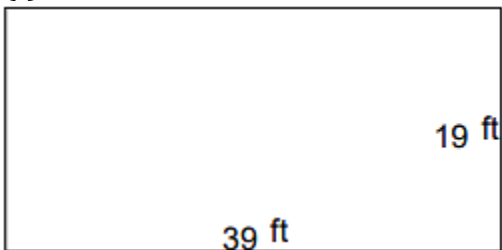


Ans.

$$\text{Perimeter} = 31 + 19 + 31 + 19 = 100 \text{ in}$$

$$\text{Area} = 31 \times 19 = 589 \text{ in}^2$$

(f)

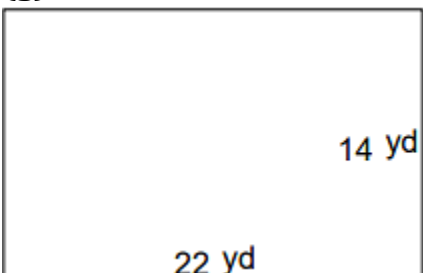


Ans.

$$\text{Perimeter} = 39 + 19 + 39 + 19 = 116 \text{ ft}$$

$$\text{Area} = 39 \times 19 = 741 \text{ ft}^2$$

(g)

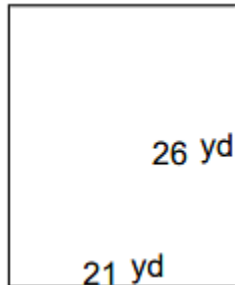


Ans.

$$\text{Perimeter} = 22 + 14 + 22 + 14 = 72 \text{ yd}$$

$$\text{Area} = 22 \times 14 = 308 \text{ yd}^2$$

(h)

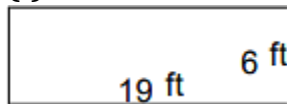


Ans.

$$\text{Perimeter} = 21 + 26 + 21 + 26 = 94 \text{ yd}$$

$$\text{Area} = 21 \times 26 = 546 \text{ yd}^2$$

(i)

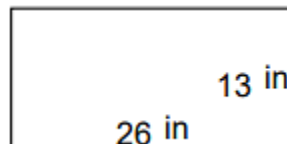


Ans.

$$\text{Perimeter} = 19 + 6 + 19 + 6 = 50 \text{ ft}$$

$$\text{Area} = 19 \times 6 = 114 \text{ ft}^2$$

(j)

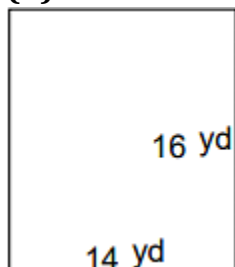


Ans.

$$\text{Perimeter} = 26 + 13 + 26 + 13 = 78 \text{ in}$$

$$\text{Area} = 26 \times 13 = 338 \text{ in}^2$$

(k)

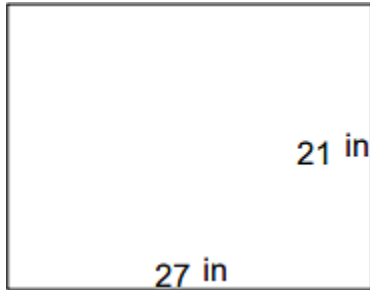


Ans.

$$\text{Perimeter} = 14 + 16 + 14 + 16 = 60 \text{ yd}$$

$$\text{Area} = 14 \times 16 = 224 \text{ yd}^2$$

(l)

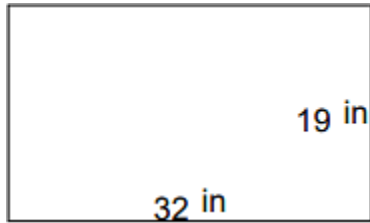


Ans.

$$\text{Perimeter} = 27 + 21 + 27 + 21 = 96 \text{ in}$$

$$\text{Area} = 27 \times 21 = 567 \text{ in}^2$$

(m)

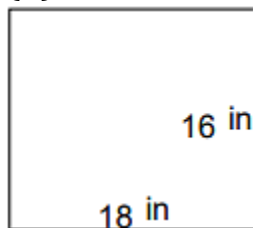


Ans.

$$\text{Perimeter} = 32 + 19 + 32 + 19 = 102 \text{ in}$$

$$\text{Area} = 32 \times 19 = 608 \text{ in}^2$$

(n)

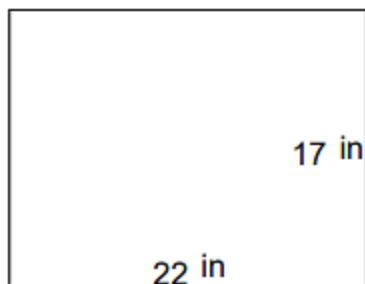


Ans.

$$\text{Perimeter} = 18 + 16 + 18 + 16 = 68 \text{ in}$$

$$\text{Area} = 18 \times 16 = 288 \text{ in}^2$$

(o)

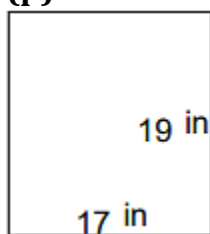


Ans.

$$\text{Perimeter} = 22 + 17 + 22 + 17 = 78 \text{ in}$$

$$\text{Area} = 22 \times 17 = 374 \text{ in}^2$$

(p)



Ans.

$$\text{Perimeter} = 17 + 19 + 17 + 19 = 72 \text{ in}$$

$$\text{Area} = 17 \times 19 = 323 \text{ in}^2$$

Q.2.

(a) Find the area of a square whose side is 10 cm.

Ans. 100 sq. cm

(b) Choose the correct option: The area of a rectangle is 208 sq. cm and its length is 16 cm. Find the breadth.

(A) 26 cm

(B) 13 cm

(C) 19.2 cm

(D) 19.5 cm

Ans. Option B

(c) The perimeter of a rectangle is 120 cm. If length is 20 cm. The breadth of the rectangle is?

(A) 20 cm

(B) 60 cm

(C) 40 cm

(D) 100 cm

Ans. Option C

(d) Find the area of a rectangle whose length is 9 cm and breadth is 2 cm.

Ans. 18 sq. cm

(e) Find the area of a rectangle whose length is 7 cm and breadth is 10 cm.

Ans. 70 sq. cm

(f) The total length of fence around a square figure is 308 m. The length of each side of a field is__

(A) 104 cm

(B) 67 cm

(C) 77 cm

(D) 69 cm

Ans. Option C

(g) Which carpet is bigger one measuring 15m in length and 12m in breadth or another measuring 15m in length and 13 m in breadth?

Ans. 15 m length and 13 m breadth

(h) Find the area of a rectangle whose length is 4 cm and breadth is 8 cm.

Ans. 32 sq. cm

(i) The floor of a hall is completely covered by 25 carpets each measuring 3m by 2m. What is the area of the floor of the hall?

Ans. 150 sq. m

(j) Find the perimeter of a square whose side is 7 cm.

Ans. 28 cm

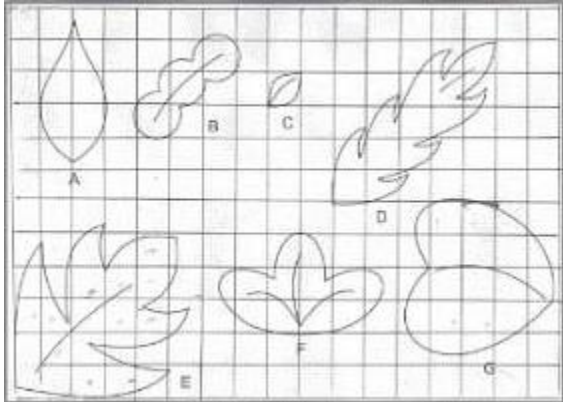
Q.3. What is the perimeter of the shape?

(a)



Ans. 16

(b) Look at the outline of some leaves on the square grid given below Fill in the blanks that follow:



The biggest leaf is leaf _____. How many squares are in there?

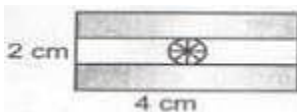
Ans. E, 19

(c) Find the area of shaded part:



Ans. $(9/2) = 4.5$ sq. cm

(d) Find the perimeter of the following figure:



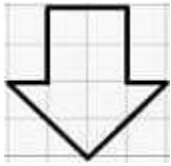
Ans. 12 cm

(e) Find the area of the following shape:



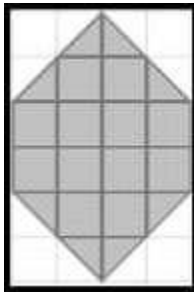
Ans. 6 sq. cm

(f) Find the area of the following:



Ans. 8 sq.cm

(g) Find the area of the purple path.



Ans. 16 sq.cm

(h) How many squares are in this picture?



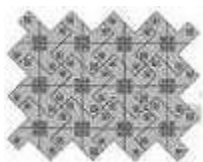
Ans. 18

(i) Find the area of shaded part.



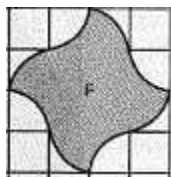
Ans. 4 sq. cm

(j) Tina has drawn a pattern using tiles. Can you tell how many tiles has been used to complete the pattern?



Ans. 12

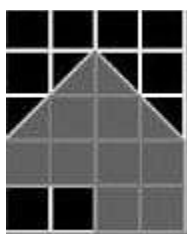
(k) Find the area of the following shape:



Ans.

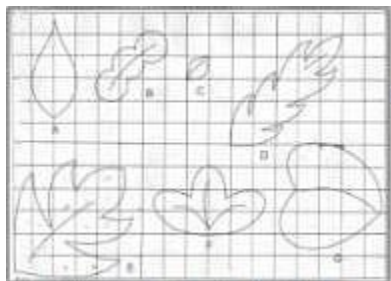
$$\text{Area} = 4 + \frac{1}{2} \times 0 + 4 = 8 \text{ sq. cm}$$

(l) Find the area of the purple color section.



Ans. 10 sq. cm

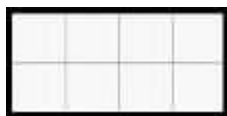
(m) Look at the outline of some leaves on the square grid given below. Fill in the blanks that follow:



Leaf C has an approximate area of ____ sq. cm

Ans. 1 sq. cm

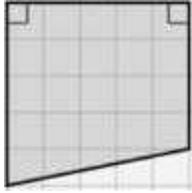
(n) Draw 2 straight lines in this rectangle to divide it into 1 rectangle and 2 equal triangles. Find the area of the new rectangle and the area of 1 of the triangles.



Ans.



(o) Find the area of the following shape.



Ans. 22.5 sq. cm

(p) Find the perimeter of the shape.



Ans. 18 cm