Exercise - 1H (A)

2.

a) 8 cm = 32 cm

Length of one side = 8 cm

Perimeter = 4 × Length of one side

= 4 × 8

= 32 cm

b) 10 m = 40 cm

Length of one side = 10 m

Perimeter = 4 × Length of one side

= 4 × 10

= 40 m

c) 9 m 15 cm =

Length of one side = 9 m 15 cm

Perimeter = 4 × Length of one side

= 4 × 9 , 15

= 36 m 60 cm

d) 12 m 14 cm

Length of one side = 12 m 14 cm

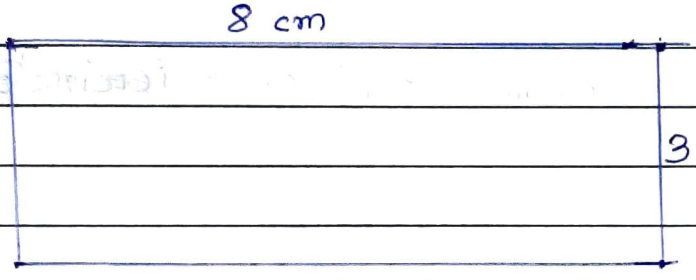
Perimter = 4 x Length of one side.

= 4 x $12, 14

= 48 m 56 cm

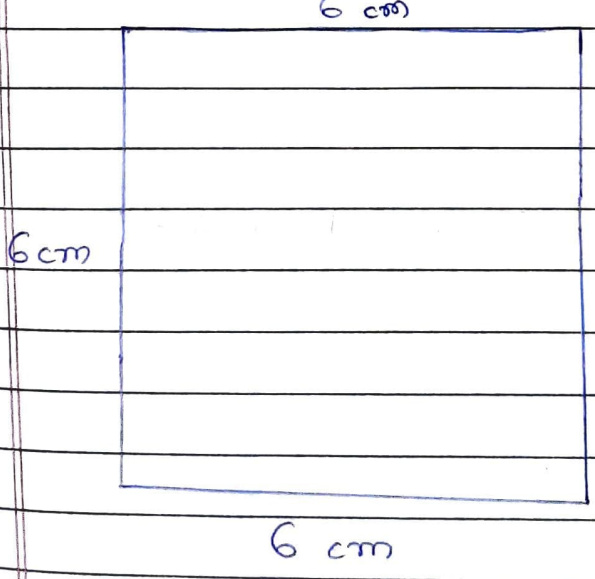
4.

a)

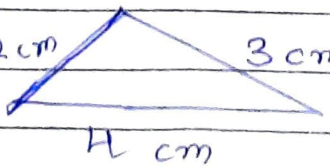


= 22 cm = Perimeter

b)

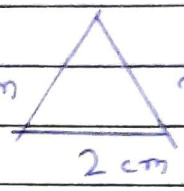


= 24 cm = Perimeter



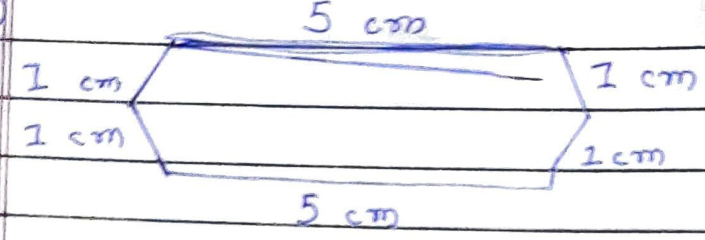
= 9 cm = Perimeter

d)



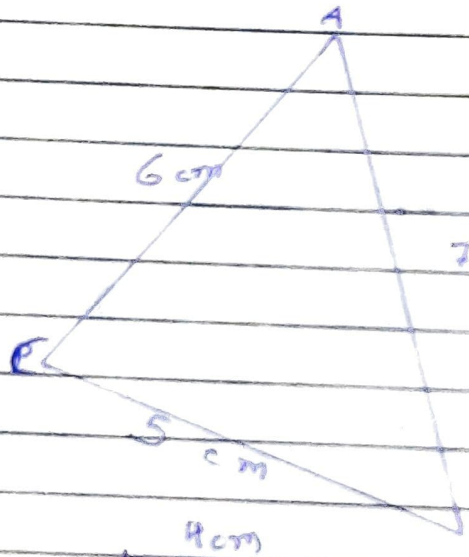
= 6 cm = Perimeter

e)



= 14 cm = Perimeter

f)

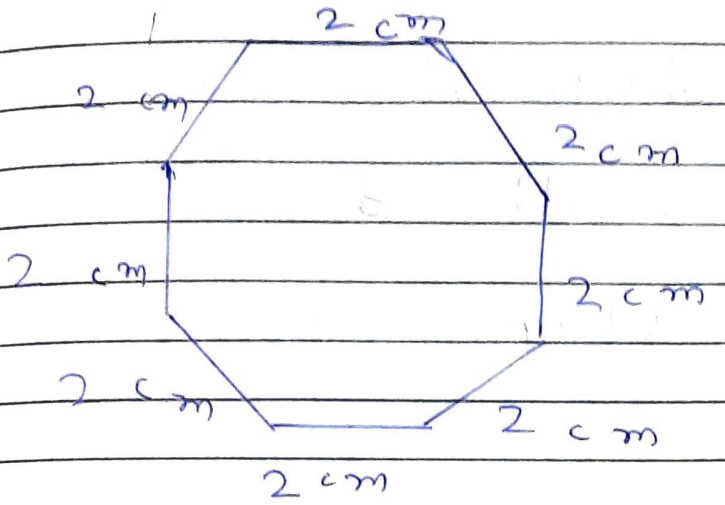


= 18 cm = Perimeter

g)

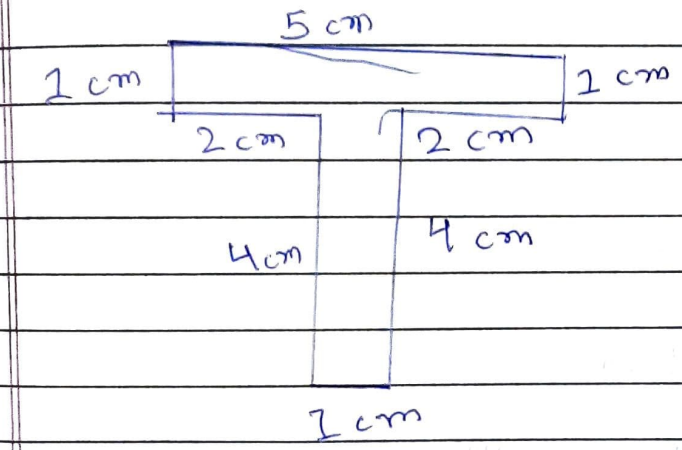
= 18 cm = Perimeter

h)



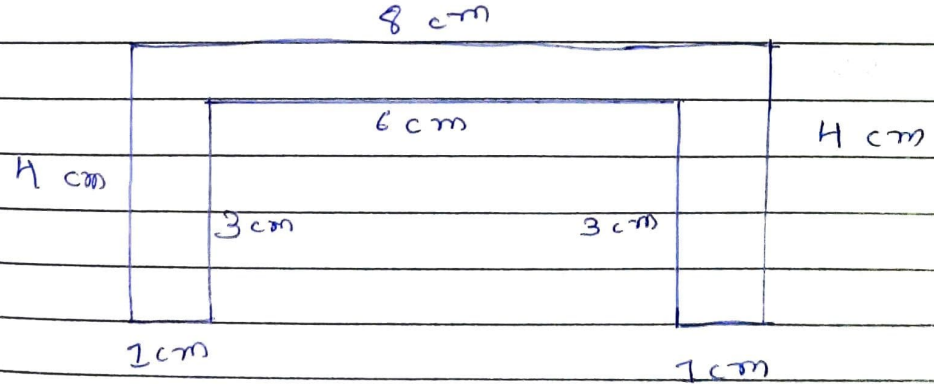
= 16 cm = Perimeter

i)



= 20 cm = Perimeter

i)



3.

a) Length = 7 cm ; ~~breadth~~ breadth = 3 cm

Ans: Length = 7 cm, breadth = 3 cm

Perimeter = 2 × (Length + breadth)

= 2 × (7 + 3)

= 2 × 10

= 20 cm

b) Length = 6 m ; breadth = 4 cm

Ans: Length = 6 m, breadth = 4 cm

Perimeter = 2 × (Length + breadth)

= 2 × (6 + 4)

= 2 × 10

= 20 m

c) Length = 2 cm ; breadth = 1 cm

Ans- Length = 2 cm breadth = 3 cm

Perimeter = 2 × (Length + breadth)

= 2 × (2 + 3)

= 2 × 5

= 10 cm

d) Length = 10 m 3 cm ; breadth = 7 m 25 cm

Ans- Length = 10 m 3 cm breadth = 3 cm

Perimeter = 2 × (Length + breadth)

= 2 × (10,3 + 7,25)

= 2 × 17, 28

= 34 m 56 cm

4)

a) 7 cm

Ans- Side = 7 cm

Perimeter = AB + BC + CA

= 7 + 7 + 7

= 3 × 7

= 21 cm

b) 9 cm

Side = 9 cm

Perimeter = AB + Bc + CA

= 9 + 9 + 9

= 3 × 9

= 27 cm

c) 8m 5cm

side = 8m 5cm

Perimeter = AB + BC + CA

= 8.5 + 8.5 + 8.5

= 3 × 8.5

= 24 m 15 cm

d) 11 m 10 cm

side = 11 m 10 cm

Perimeter = AB + BC + CA

11.10 + 11.10 + 11.10

= 3 × 11.10

= 33 m 30 cm

5) A

a) AB = 8 cm; BC = 6 cm ; CA 7 cm

Perimeter = AB + BC + CA

= 8 + 6 + 7

= 21 cm

b) AB = 4 cm ; BC = 8 cm ; CA = 9 cm

Perimeter = AB + BC + CA

= 4 cm + 8 + 9

= 21 cm

c) AB = 7 cm ; BC = 4·5 ; CA = 3·5 cm

Perimeter = AB + BC + CA

= 7 + 4·5 + 3·5

= 15 cm

d) AB = 12 m ; BC = 11 m ; CA = ~~9 cm~~ 9 m 7 cm

Perimeter = AB + BC + CA

= 12 + 11 + 9, 7

= 32 m 7 cm

6) The length of a floor is 60 m and its breadth is 50 m. Find the perimeter of the floor.

Length = 60 m , Breadth = 50 m

Perimeter = 2 × (Length + breadth)

= 2 × (60 + 50)

= 2 × 110

= 220 m

So, the perimeter of the floor is 220 m

7) A cloth is 7m long and 2 m wide. if sheena wants to Lace it around, howmuch Lace is required.

Ans To Lace the cloth 18 m Lace is required

8) A table top of wood is of Length 150 m and breadth 120 m. What is its perimeter.

Ans. ~~side~~ Length = 150 m, Breadth = 120 m.

~~Perim~~

Length = 150 m, Breadth = 120cm

Perimeter = 2 × (Length + Breadth)

= 2× (150 + 120)

= 2 × 270

= 520 m

The perimeter is = 520 m

9) A triangular park has its sides of Length 200 m, 180 m and 120 m respectively. calculate the distance by a man if he goes around the park twice.

Ans- Side = 200m, 180 m, 120 m

Perimeter - AB + BC + CA

= 200 + 180 + 120

= 500 m

2 × 500 m = 10,000 m

So, The distance the man walked was 10,000 m.

10) A square shaped garden is of length 100 m. How much wire will be required for fencing around thrice?

Ans- Length of oneside = 100 m

Perimeter = 4 x Length of one side

= 4 x 100

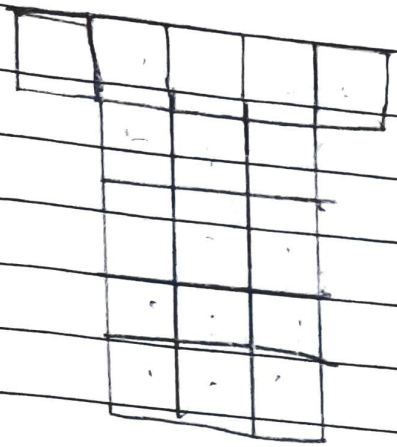
= 400 m

400 x 3 = 1200

So the fencing around thrice will be 1200 m.

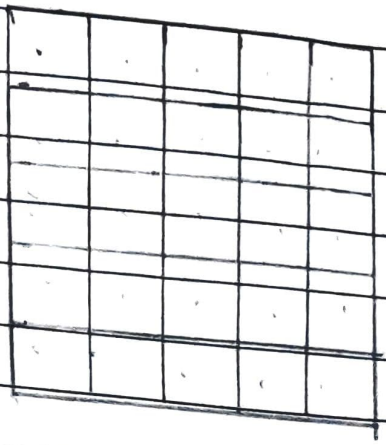
Exercise -14(B)

1) a)



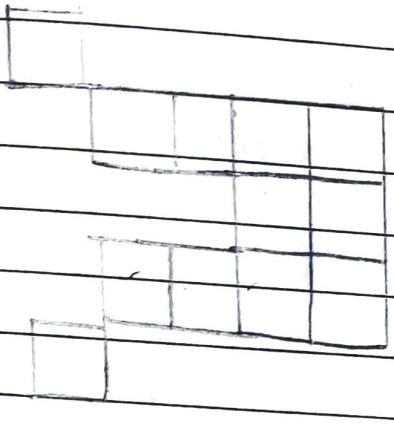
area: 17 cm^2

b)



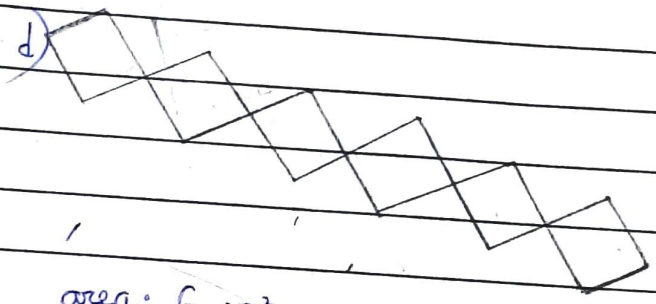
area: 25 cm^2

c)



area: 12 cm^2

d)



area: 6 cm^2

~~Area of one square = 1 cm x~~

2)

a)

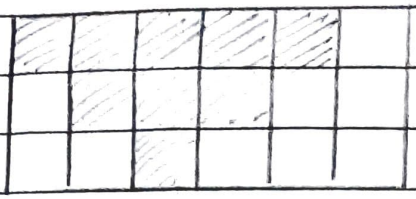
Ans- Area of one square = 1 cm x 1 cm = 1 cm^2

~~Numb~~ Area of ~~x~~ four square

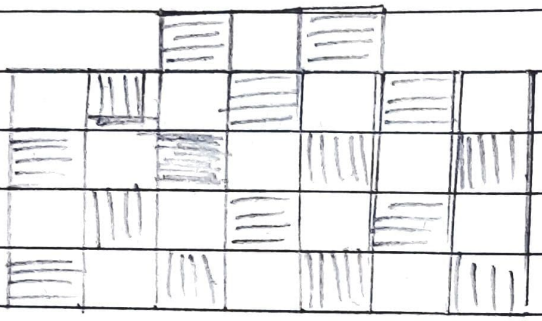
4 x 1 cm^2 = 4 cm^2

area: 4 cm^2

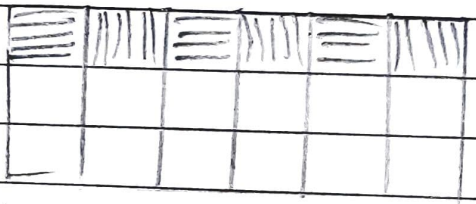
Ans-

b) 

Ans - area of one square =
$1 \times 1\ cm^2 = 1\ cm^2$
area of Nine square =
$9 \times 1\ cm^2 = 9\ cm^2$
area = $9\ cm^2$

c) 

Ans - area of one square =
$1 \times 1\ cm = 1\ cm^2$
area of 16 square =
$16 \times 1\ cm^2 = 16\ cm^2$
area: $16\ cm^2$



Ans - area of one square =
$1 \times 1\ cm = 1\ cm^2$
area of 6 square =
$6 \times 1 = cm^2 = 6\ cm^2$
area : $6\ cm^2$