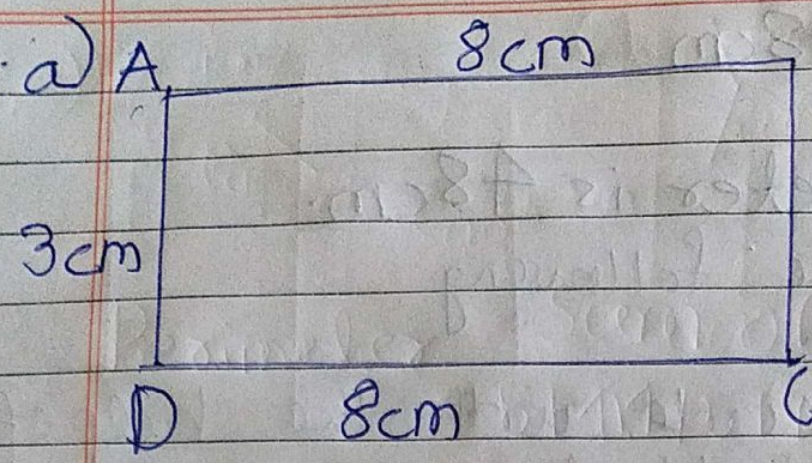
CW

30.11.21

Ex-14(a)

1. a)



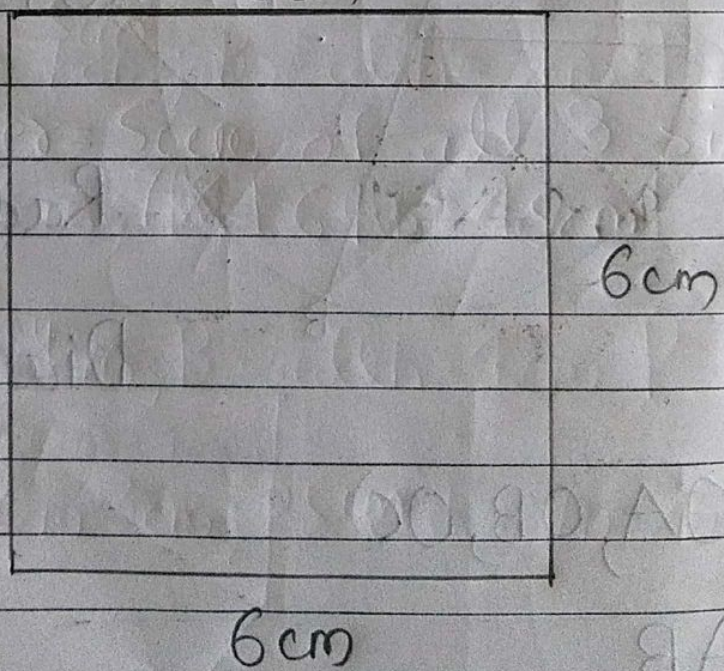
Length = 8 cm, breadth = 3 cm

Perimeter = 2 × (length + breath)

= 2 × (8 + 3) cm

= 2 × 11 = 22 cm

(b)

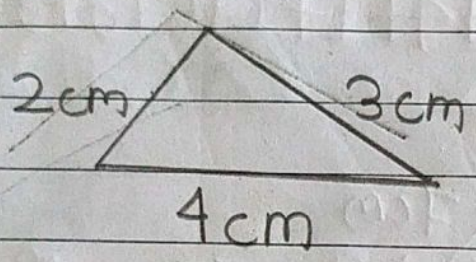


Length of one side = 6cm

Perimeter = 4 X length of one side

= 4 X 6 = 24cm

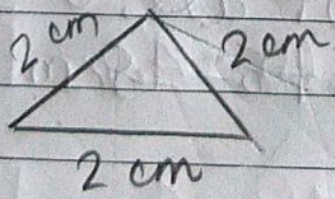
c)



Perimeter = Sum of length of all 3 sides

= 2cm + 3cm + 4cm = 9cm

d)

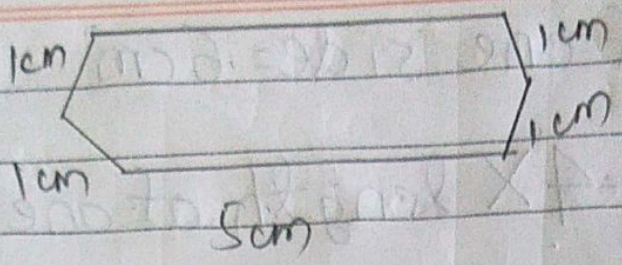


Length one side = 2cm

Perimeter = 3 X length of one side

= 3 X 2 = 6cm

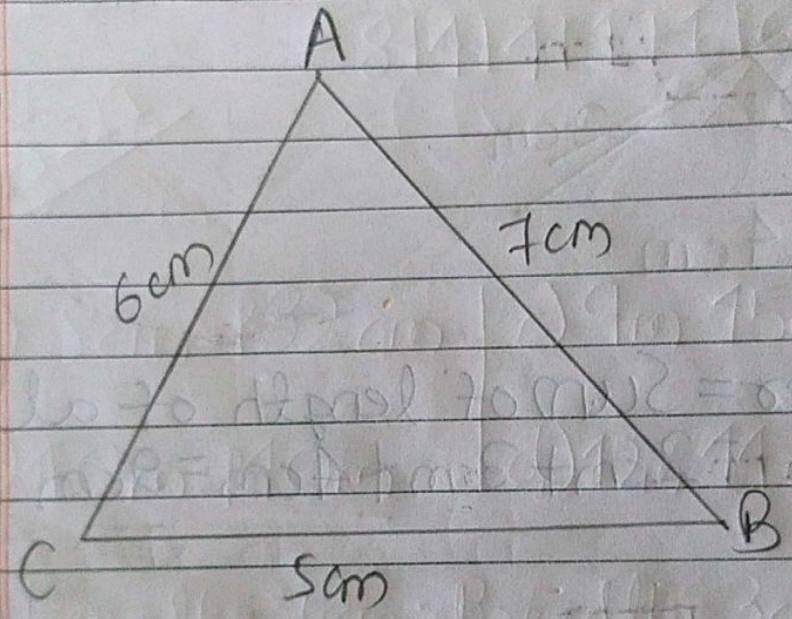
e)



Perimeter = Sum of all 6 sides

$= 5+1+1+5+1+1 = 14\text{cm}$

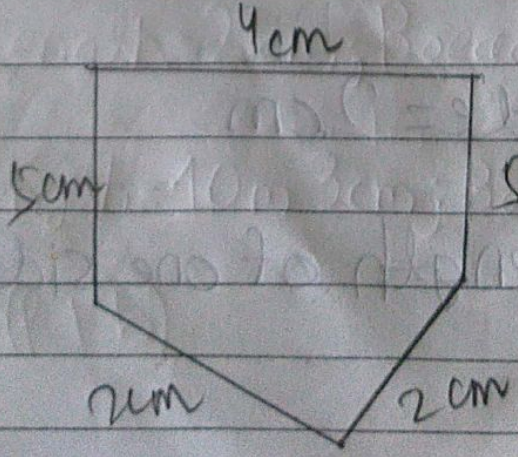
f)



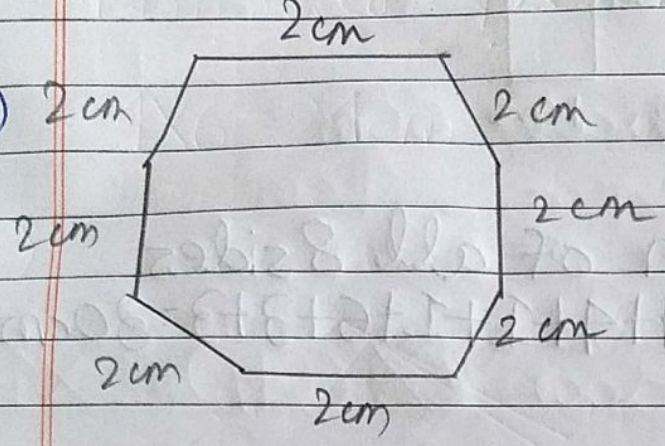
Perimeter = Sum of all 3 sides

$= 7+6+5 = 18\text{cm}$

g)



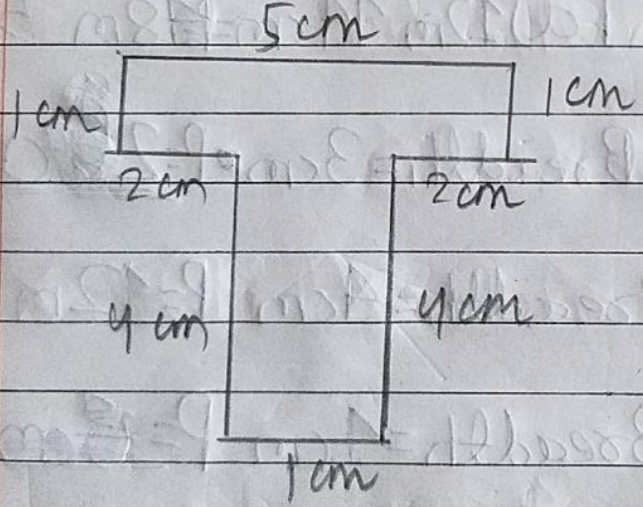
Perimeter = Sum of all 5 sides
= 4+5+2+2+5 = 18cm

h) 

Length of one side = 2cm

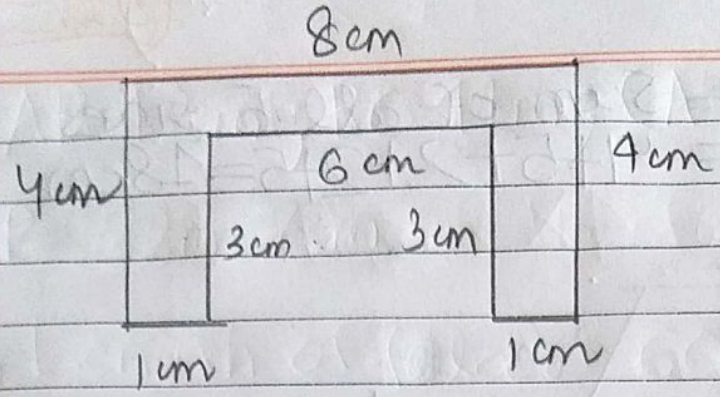
Perimeter = 8X length of one side

= 8X2 = 16cm

i) 

Perimeter = Sum of all 8 sides
= 5+1+2+1+4+4+1+2 = 20cm

i)



Perimeter = Sun of all 8 sides

= 8+4+4+1+1+6+3+3 = 30cm

2. a) 8cm = P = 32 cm

b) 10m = P = 40m

c) 9m 15cm = P = 36m 60cm

d) 12m 14cm = P = 48m 56cm

3. a) Length = 7cm; Breadth = 3cm P = 20 cm

b) Length = 6m; Breadth = 4cm P = 12m 8cm

c) Length = 2cm; Breadth = 1cm P = 6cm

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

P = 2(l + b)

(l+b) = 17m 28cm

P = 2 X (17m 28cm) = 34m 56cm

M		CM
+1		+1
17		28
	X	2
34		56

4 a) l = 7cm P = 3 X 7cm = 21 cm

b) l = 9m P = 3 X 9m = 27m

c) l = 8m 5cm P = 3 X (8m 5cm) = 24m 15cm

d) l = 11m 10cm P = 3 X (11m 10cm) = 33m 30cm

5. a) AB = 8cm ; BC = 6cm ; CA = 7cm P = 21cm

b) AB = 4cm ; BC = 8cm ; CA = 9cm P = 21 cm

c) AB = 7cm ; BC = 4.5cm ; CA = 3.5 cm P = 15cm

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

P = 32 m 7 cm

6. ans) Length of floor = 60 m

Breadth of floor = 50 m

Perimeter of floor = 2(l+b) = 2 × 110 m
220 m

∴ Perimeter is 220 m.

7. ans) Length of cloth = 7 m

Breadth of cloth = 2 m

Perimeter of cloth = 2(l+b) = 2 × 9 m =
18 m

∴ Perimeter is 18 m.

8. ans) Length of a table top = 150m

Breadth of a table top = 120m

Perimeter of a table top = 2(l+b) = 2 X 270 = 540m

∴ Perimeter is 540m.

9. ans) Perimeter = Sum of length of all sides

= 200m + 180m + 120m = 500m

∴ Perimeter is 500m. Distance travelled by the man if he goes around the park twice = 1000m or 1km.

10. ans) Perimeter = 4 X length of one side of square

= 4 X 100m = 400m

∴ wire required to fence the garden thrice = 400 X 3 = 1200m.

CW
2.12.21

Ex-14 (B)

1. a) Area of 1 square = $1 cm^2$

Total area of the figure = $1 cm^2 \times 17$
$= 17 cm^2$.

(b) Area of 1 square = $1 cm^2$

Total area of the figure = $1 cm^2 \times 25$
$= 25 cm^2$

(c) Area of 1 square = $1 cm^2$

Total area of the figure = $1 cm^2 \times 12$
$= 12 cm^2$

d) Area of 1 square = $1 cm^2$

Total area of the figure = $1 cm^2 \times 6 = 6 cm^2$

2. a) Area of 1 shaded shaded square = $1 cm^2$

Shaded area of the figure = $1 cm^2 \times 4 = 4 cm^2$

b) Area of one shaded square = $1\ cm^2$

Shaded area of the figure = $1\ cm^2 \times 9 = 9\ cm^2$

c) Area of one shaded square = $1\ cm^2$

Shaded area of the figure = $1\ cm^2 \times 16$

$= 16\ cm^2$

d) Area of one shaded square = $1\ cm^2$

Shaded area of the figure = $1\ cm^2 \times 6 = 6\ cm^2$