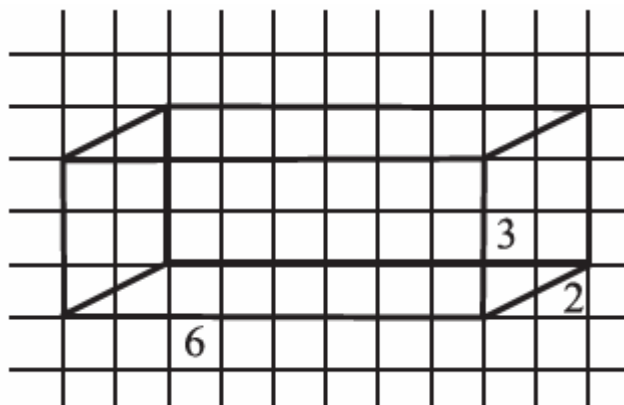


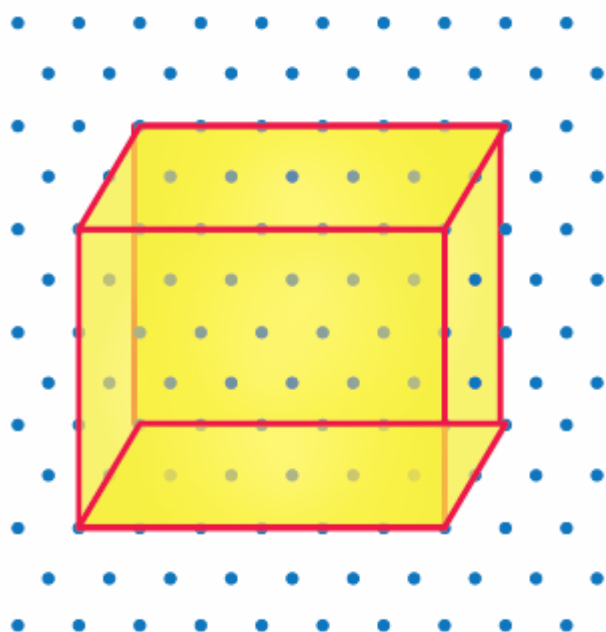
Access answers to Maths NCERT Solutions for Class 7
Chapter 15 – Visualising Solid Shapes Exercise 15.2

1. Use isometric dot paper and make an isometric sketch for each one of the given shapes:

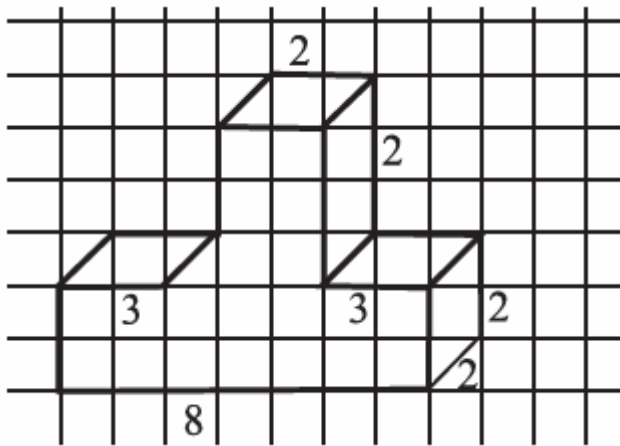
(i)



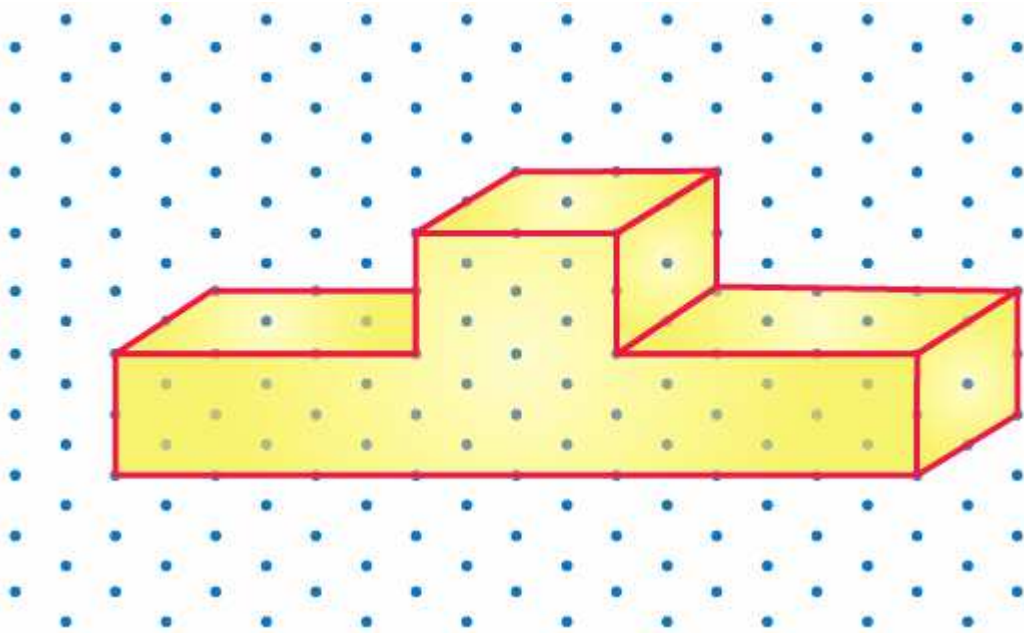
Solution:-



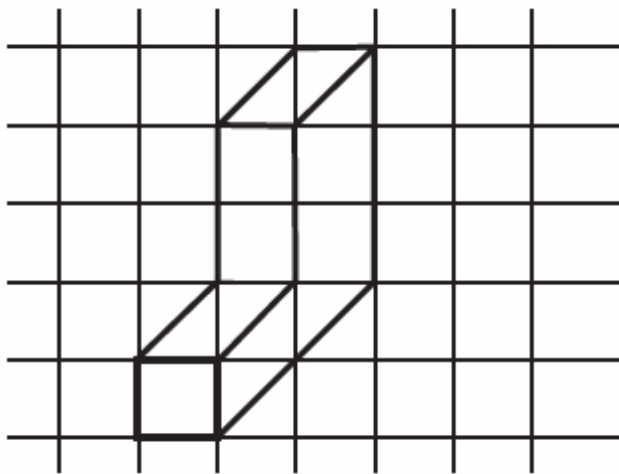
(ii)



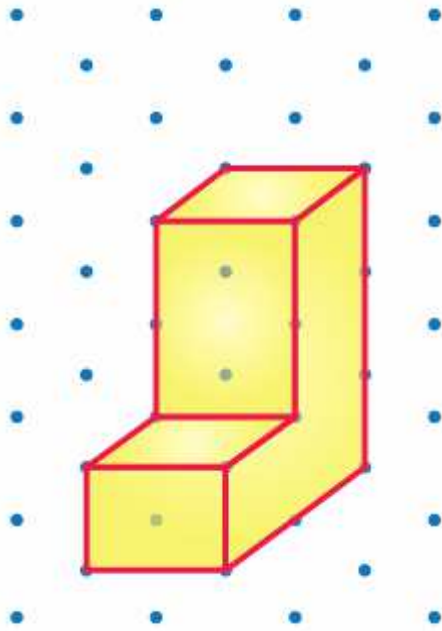
Solution:-



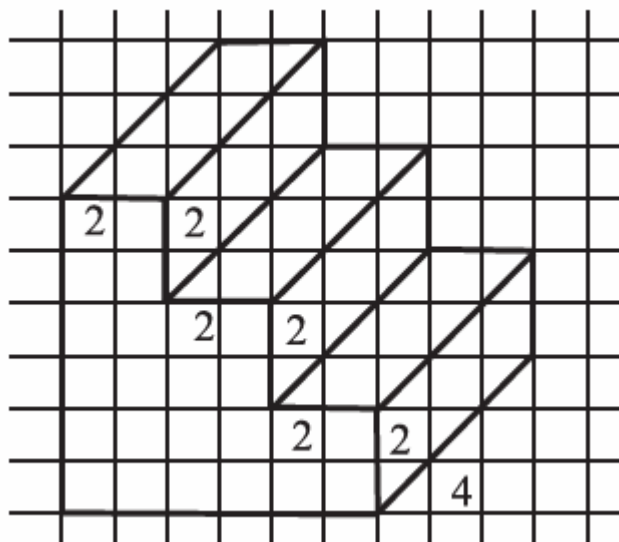
(iii)



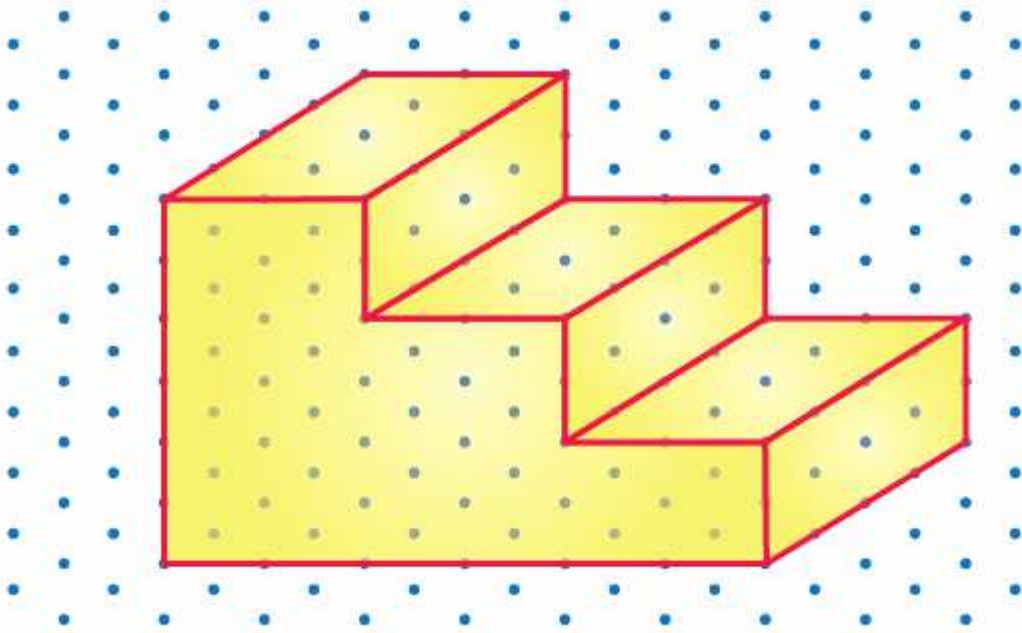
Solution:-



(iv)



Solution:-



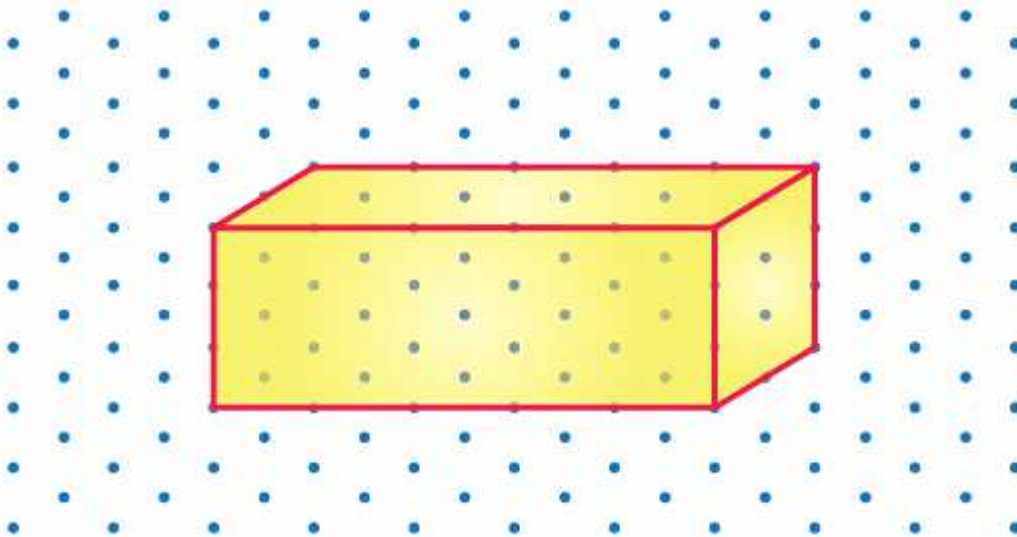
2. The dimensions of a cuboid are 5 cm, 3 cm and 2 cm. Draw three different isometric sketches of this cuboid.

Solution:-

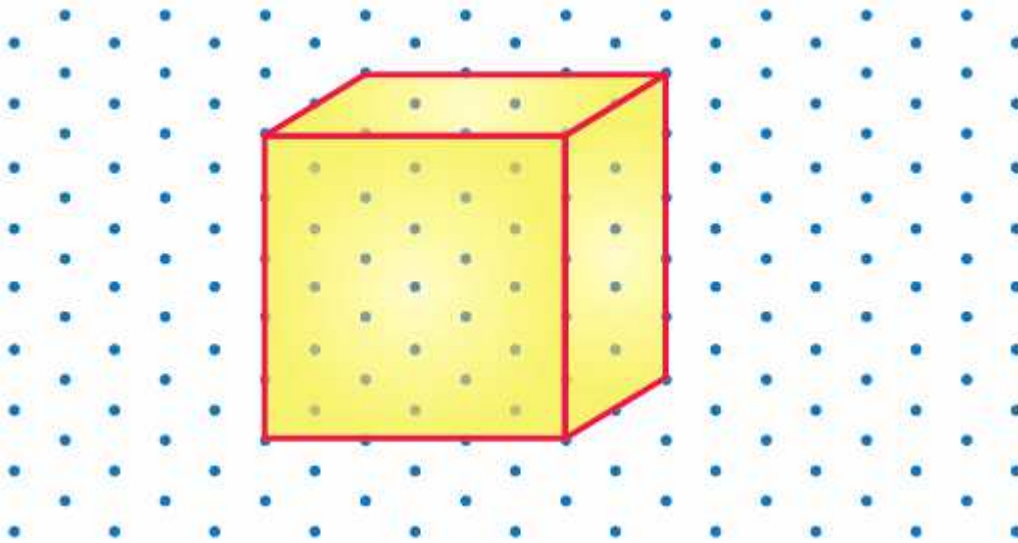
From the question it is given that dimension of a cuboid are 5 cm, 3 cm, and 2 cm.

The three different isometric sketches of this cuboid is shown below,

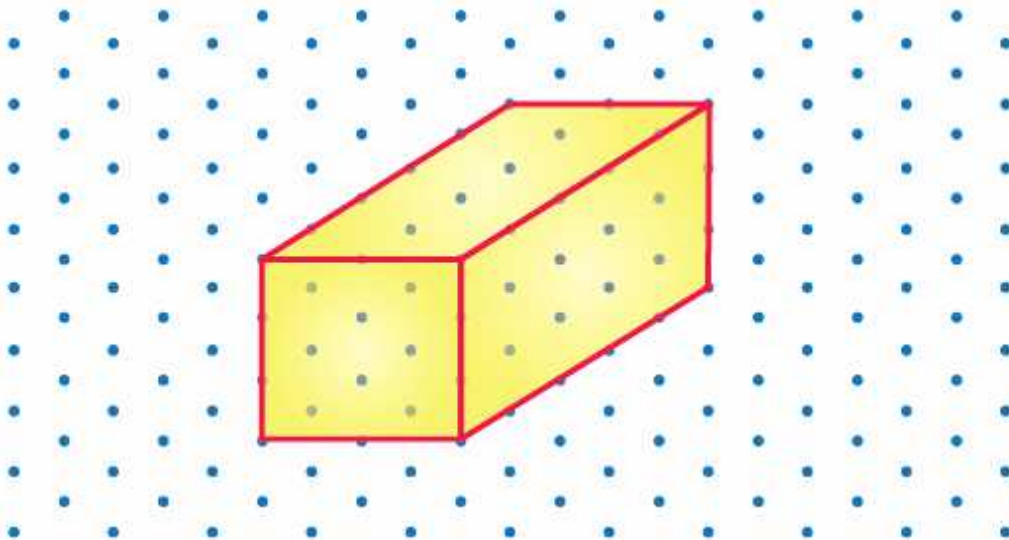
1



2



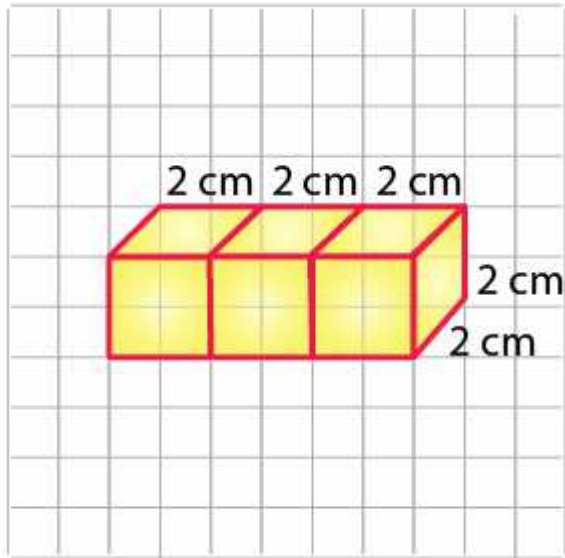
3



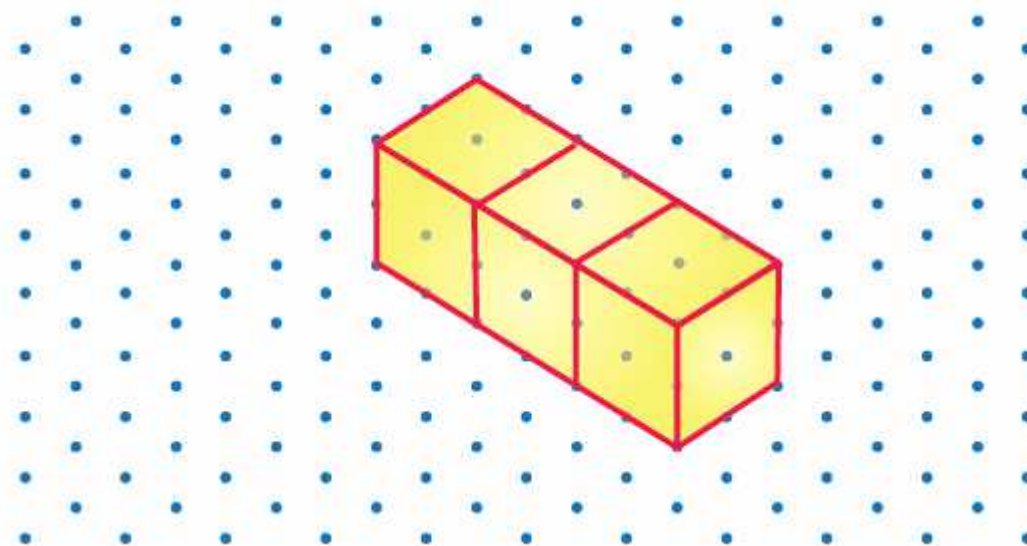
3. Three cubes each with 2 cm edge are placed side by side to form a cuboid. Sketch an oblique or isometric sketch of this cuboid.

Solution:-

Oblique sketch

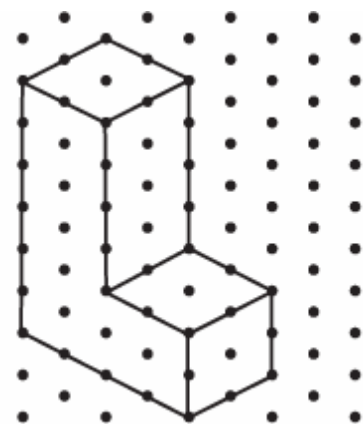


Isometric sketch

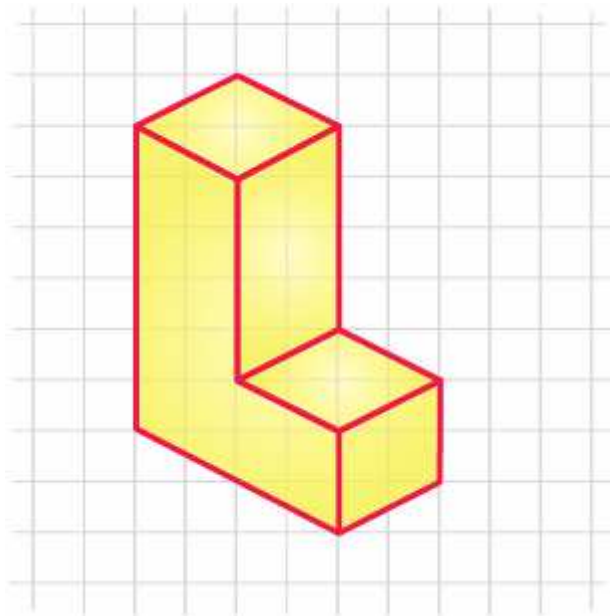


4. Make an oblique sketch for each one of the given isometric shapes:

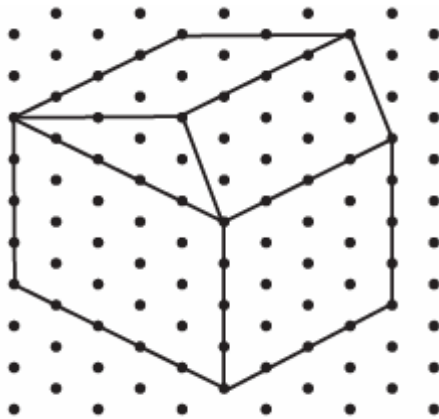
(i)



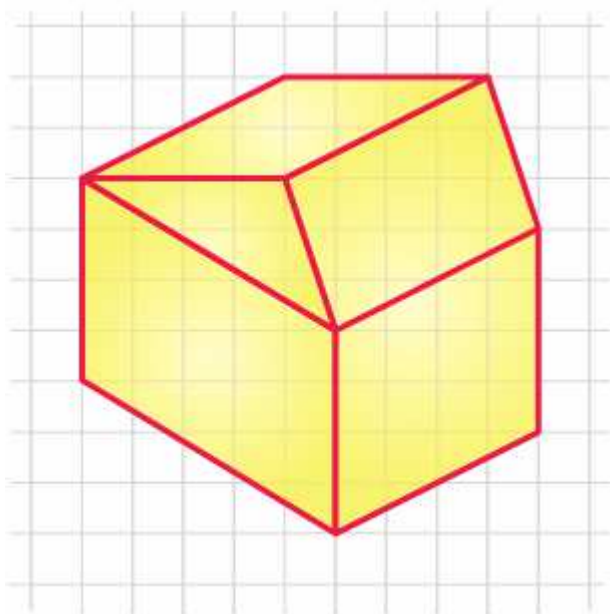
Solution:-



(ii)



Solution:-



5. Give (i) an oblique sketch and (ii) an isometric sketch for each of the following:

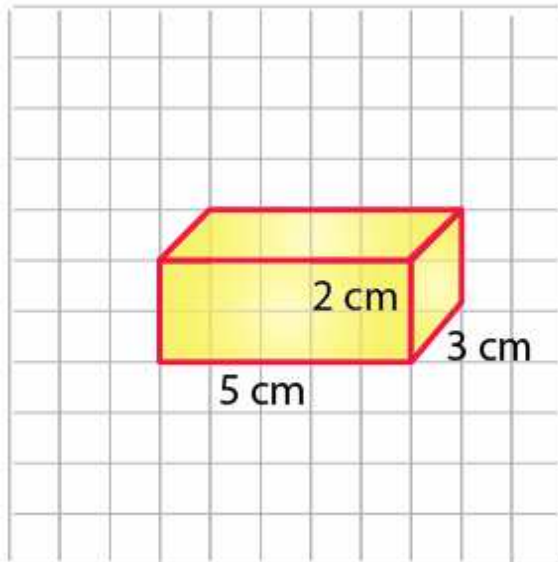
(a) A cuboid of dimensions 5 cm, 3 cm and 2 cm. (Is your sketch unique?)

(b) A cube with an edge 4 cm long.

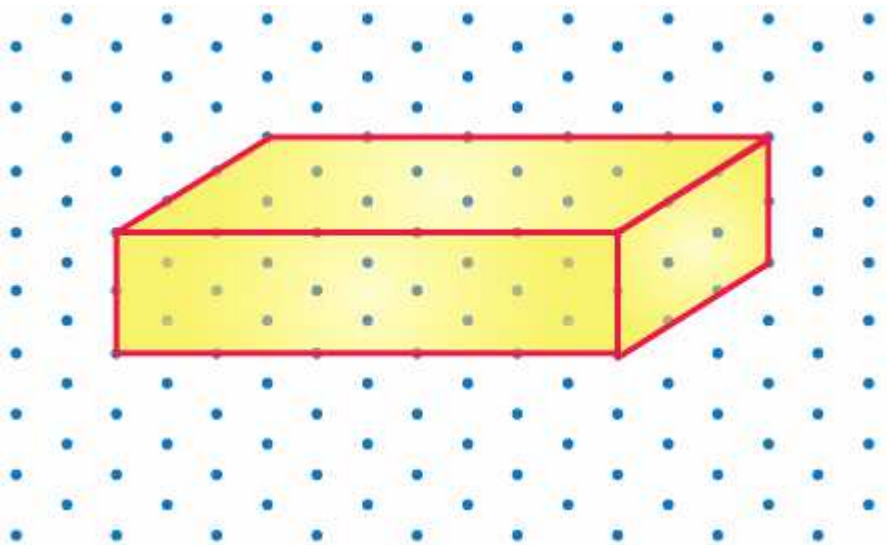
Solution:-

(a)

(i) Oblique sketch

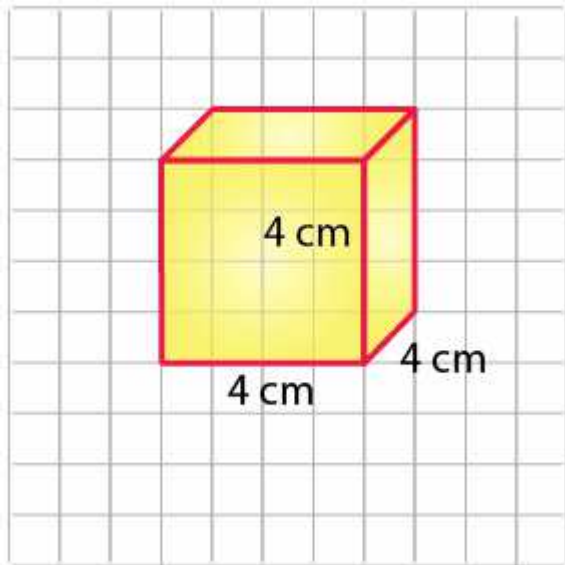


(ii) Isometric sketch



(b)

(i) Oblique sketch



(ii) Isometric sketch

