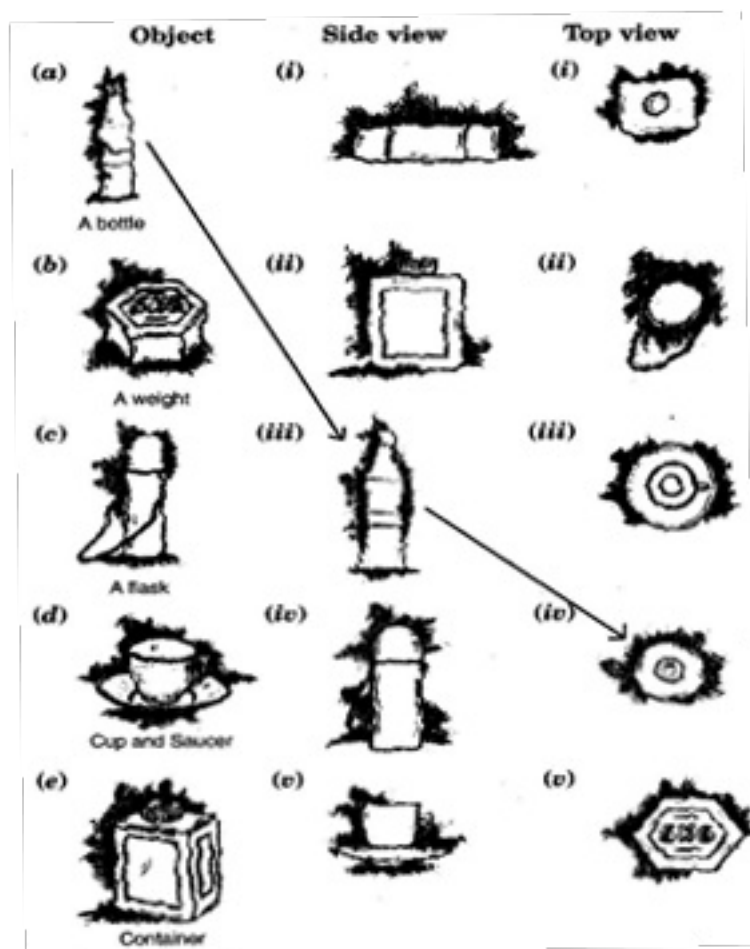


CBSE Class –VIII Mathematics
NCERT Solutions
CHAPTER - 10
Visualising Solid Shapes (Ex. 10.1)

1. For each of the given solid, the two views are given. Match for each solid the corresponding top and front views. The first one is done for you.



Ans. (a) → (iii) → (iv)

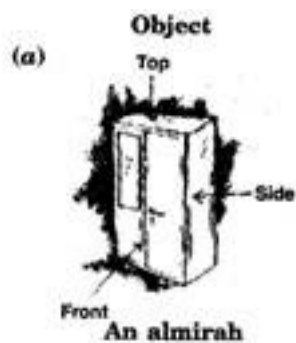
(b) → (i) → (v)

(c) → (iv) → (ii)

(d) → (v) → (iii)

(e) → (ii) → (i)

2. For each of the given solid, the three views are given. Identify for each solid the corresponding top, front and side views.



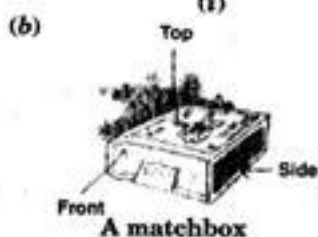
(i)



(ii)



(iii)



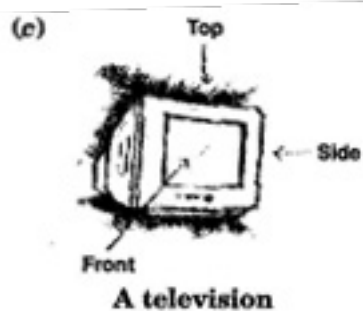
(i)



(ii)



(iii)



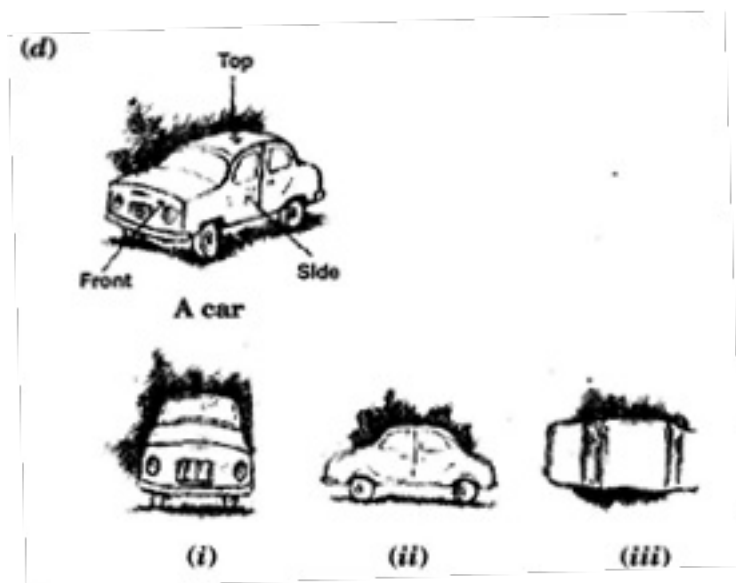
(i)



(ii)



(iii)



Ans. (a) → (i) → Front

(ii) → Side

(iii) → Top view

(b) → (i) → Side

(ii) → Front

(iii) → Top view

(c) → (i) → Front

(ii) → Side

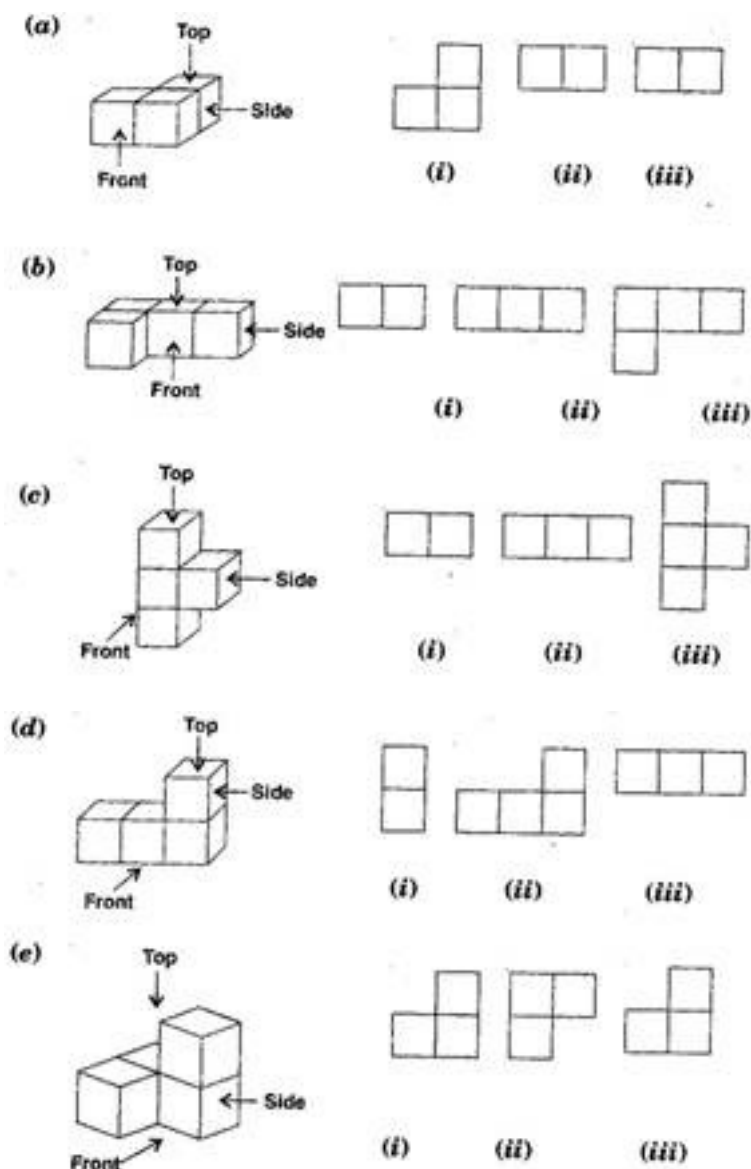
(iii) → Top view

(d) → (i) → Front

(ii) → Side

(iii) → Top view

3. For each given solid, identify the top view, front view and side view.



Ans. (a) → (i) → Top view (ii) → Front view (iii) → Side view

(b) → (i) → Side view (ii) → Front view (iii) → Top view

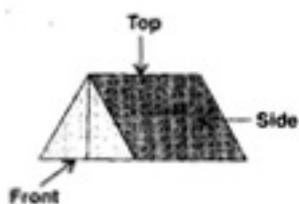
(c) → (i) → Top view (ii) → Side view (iii) → Front view

(d) → (i) → Side view (ii) → Front view (iii) → Top view

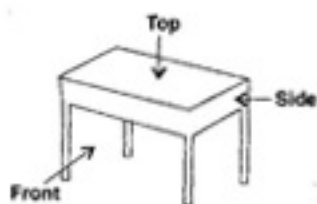
(e) → (i) → Front view (ii) → Top view (iii) → Side view

4. Draw the front view, side view and top view of the given objects:

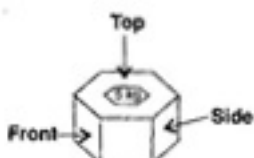
(a) A military tent



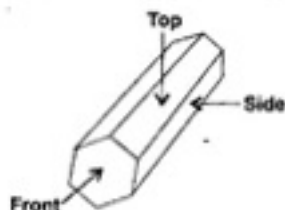
(b) A table



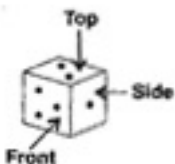
(c) A nut



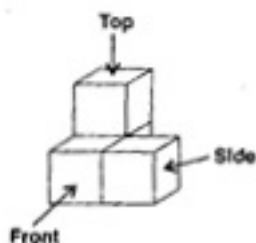
(d) A hexagonal block



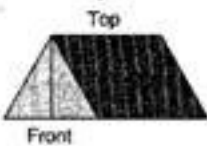



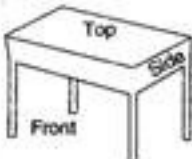



(e) A dice

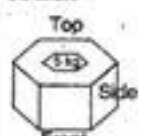
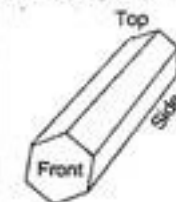
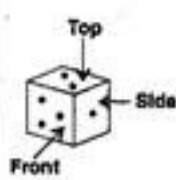


(f) A solid



Ans.

S. No.	Object	Front-view	Side-view	Top-view
(a)	A military tent 			
(b)	A table 			

<p>(c) A nut</p> 			
<p>(d) A hexagonal block</p> 			
<p>(e) A dice</p> 			
<p>(f) A solid</p> 