

Board – CBSE

Class – 7th

Topic – Visualizing Solid Shapes 15.3

Q.1 What cross-sections do you get when you give a

(i) Vertical cut (ii) Horizontal cut

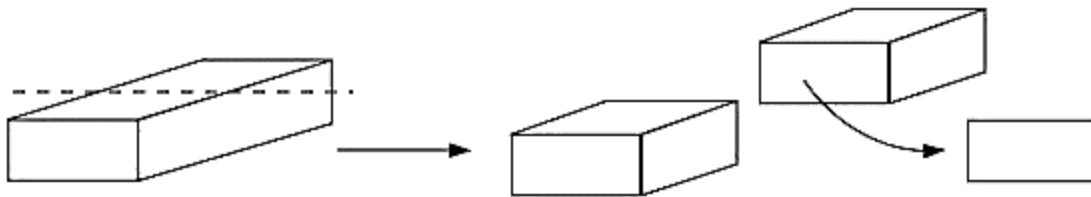
to the following solids?

(a) A brick (b) A round apple (c) A die

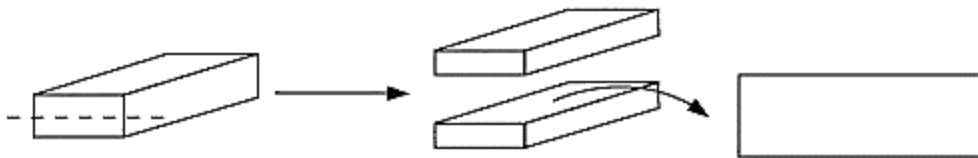
(d) A circular pipe (e) An ice cream cone

Sol: (a) A brick

We can give a vertical cut to a brick in the following way.

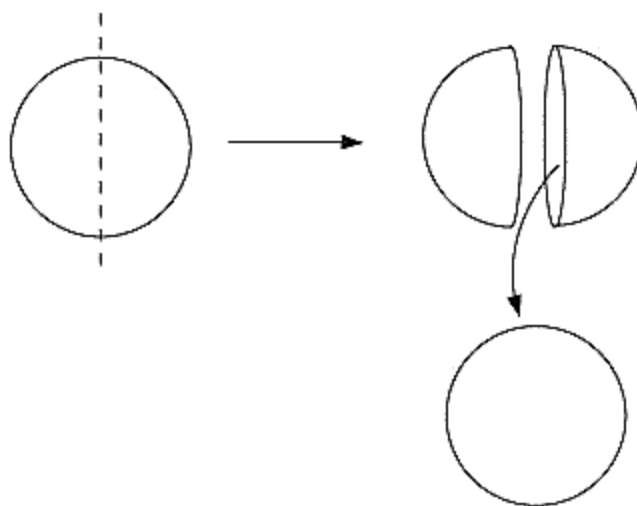


We can give a horizontal cut to a brick in the following way.

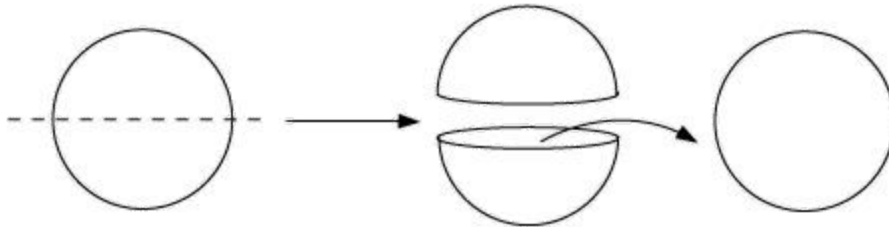


(b) A round apple

We can give a vertical cut to a round apple in the following way.

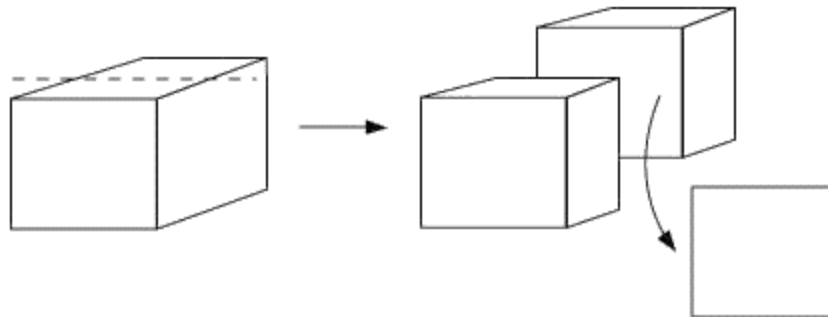


We can give a horizontal cut to a round apple in the following way.

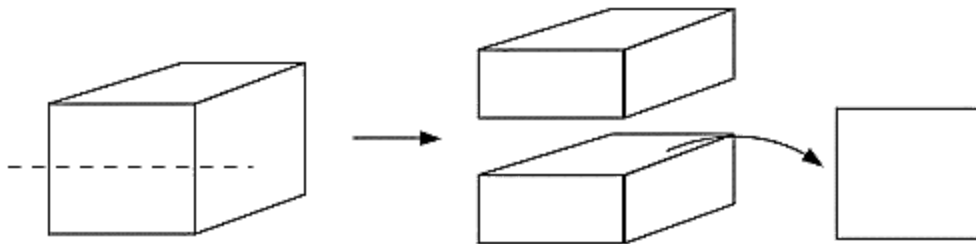


(c) A die

We can give a vertical cut to a dice in the following way.

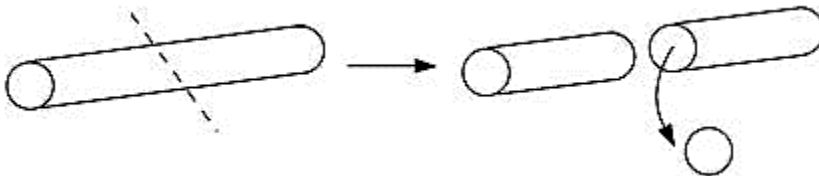


We can give a horizontal cut to a dice in the following way.

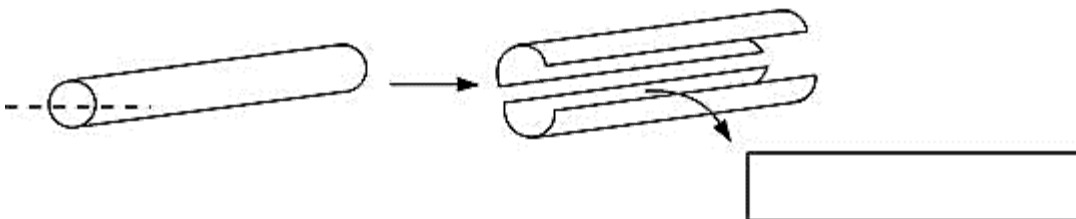


(d) A circular pipe

We can give a vertical cut to a circular pipe in the following way.

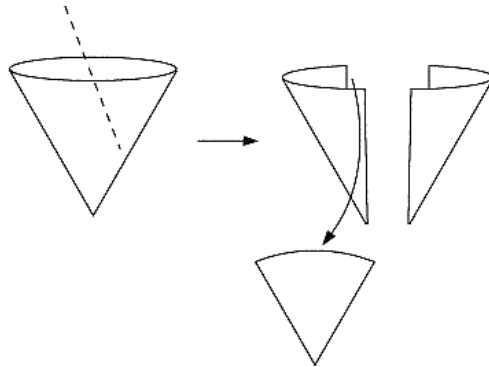


We can give a horizontal cut to a circular pipe in the following way.



(e) An ice cream cone

We can give a vertical cut to an ice cream cone in the following way.



We can give a horizontal cut to an ice cream cone in the following way.

