

NCERT Solutions for Class 7th Maths Chapter 15 Visualising Solid Shapes Exercise 15.3

Q1. What cross-sections do you get when you give a

(i) vertical cut (ii) horizontal cut

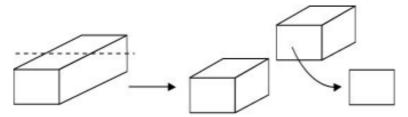
to the following solids?

- (a) A brick (b) A round apple (c) A die
- (d) A circular pipe (e) An ice cream cone

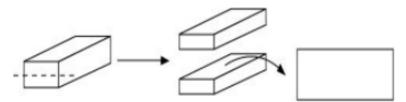
#### Ans:

#### (a) A brick

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

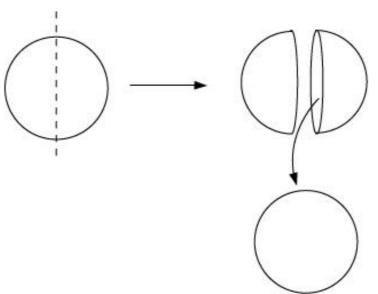


We can give a horizontal cut to a brick in the following way.

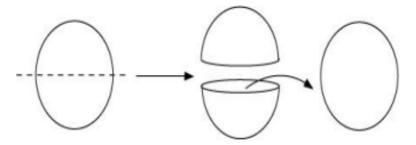


## (b) A round apple

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

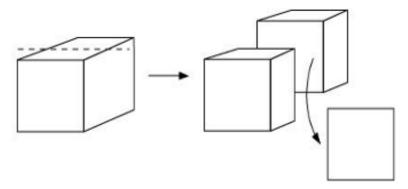


We can give a horizontal cut to a round apple in the following way.

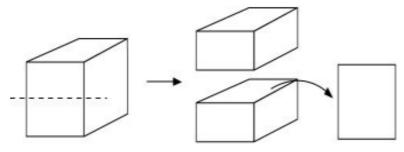


### (c) A die

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

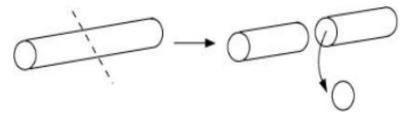


We can give a horizontal cut to a dice in the following way.

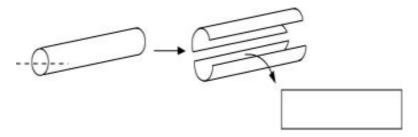


# (d) A circular pipe

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

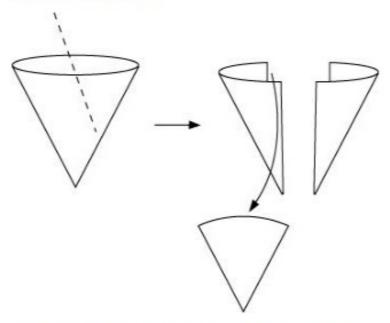


We can give a horizontal cut to a circular pipe in the following way.



# (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.

