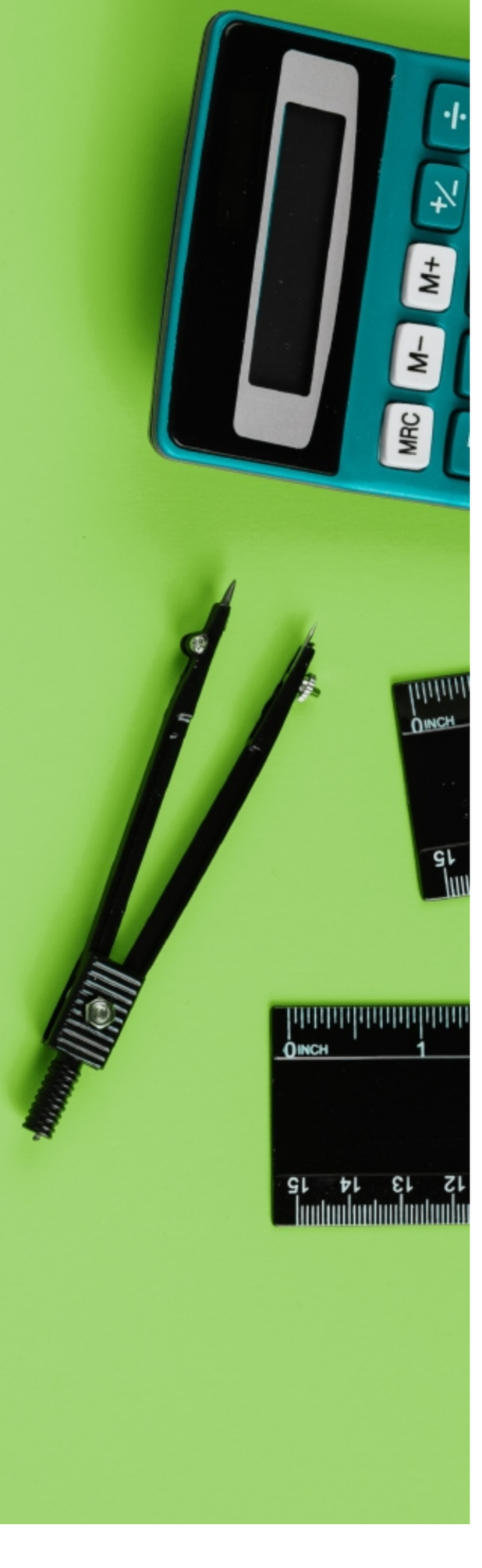
RD Sharma Solutions

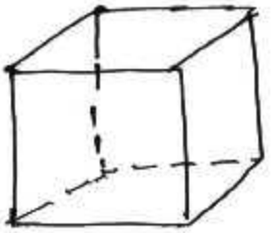
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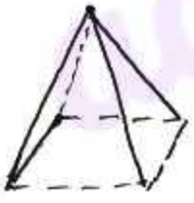
Exercise 19.2

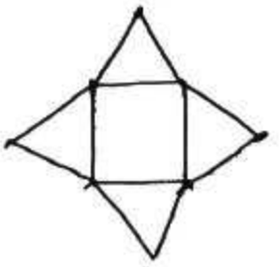
1. Match the following nets with appropriate solids.

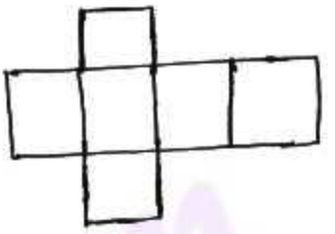
(a) 

(b) 

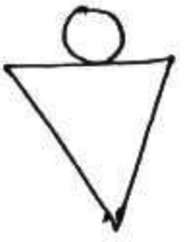
(c) 

(d) 

(i) 

(ii) 

(iii) 

(iv) 

Solution

(a) ⟶ (ii)

(b) ⟶ (iii)

(c) ⟶ (iv)

(d) ⟶ (i)

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Q.2 Identify the nets which can be used to make cubes (Cut out the nets and try it)

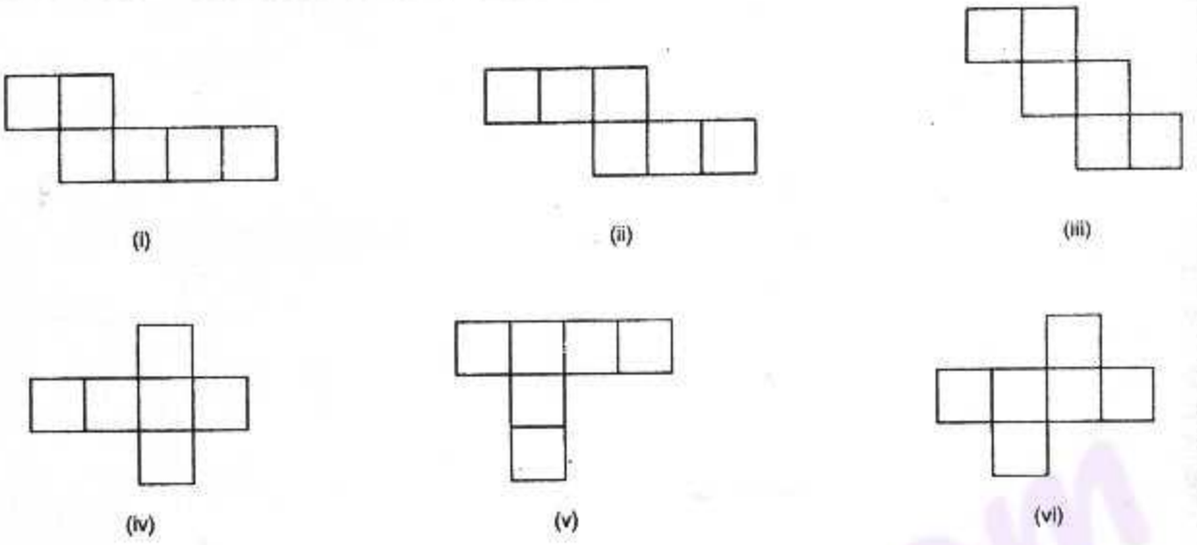


Fig. 21

Solution: only (ii), (iv) and (vi) form a cube

3. Can the following be a net for a die? Explain your answer.

Q.3

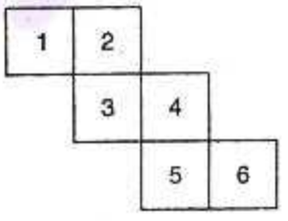


Fig. 22

Solution: As we know that in a die, the sum of numbers on opposite faces is 7.

In the given figure, it is not possible to get a sum 7 on opposite faces.

Here, the given net is not suitable for die.

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Q. 4. Out of the following four nets there are two correct nets to make a tetrahedron. Identify them.

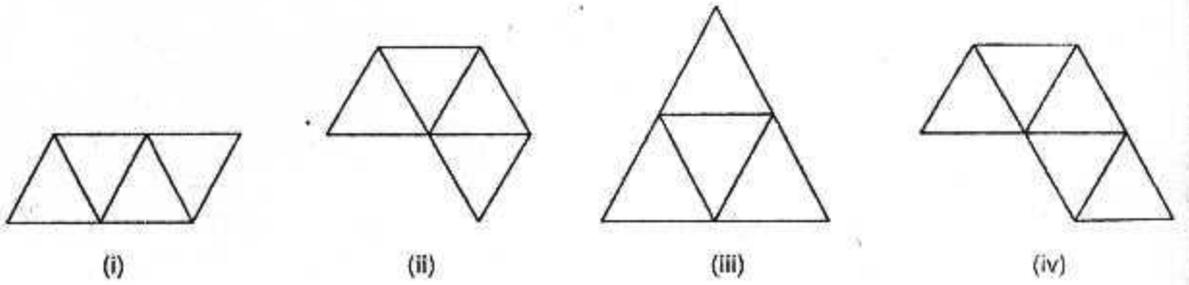
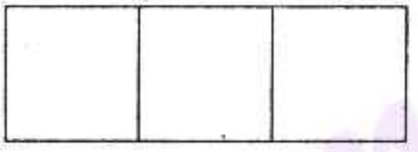


Fig. 23

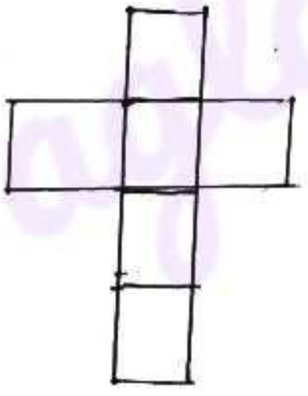
Solution: There are only (i) and (iii) are suitable nets.

5. Here is an incomplete net for making a cube. Complete it in atleast two different ways.

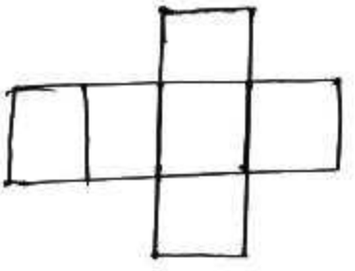
Q



Solution:



(i)



(ii)

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