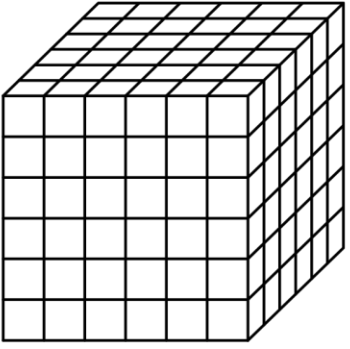


All faces painted



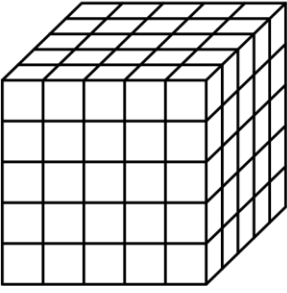
Resulting cube after painted layers removed

?

No. of small cubes $6 \times 6 \times 6$

Ans :

a.

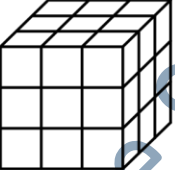


?

No. of small cubes $5 \times 5 \times 5$

Ans :

b.



?

No. of small cubes $3 \times 3 \times 3$

Ans :

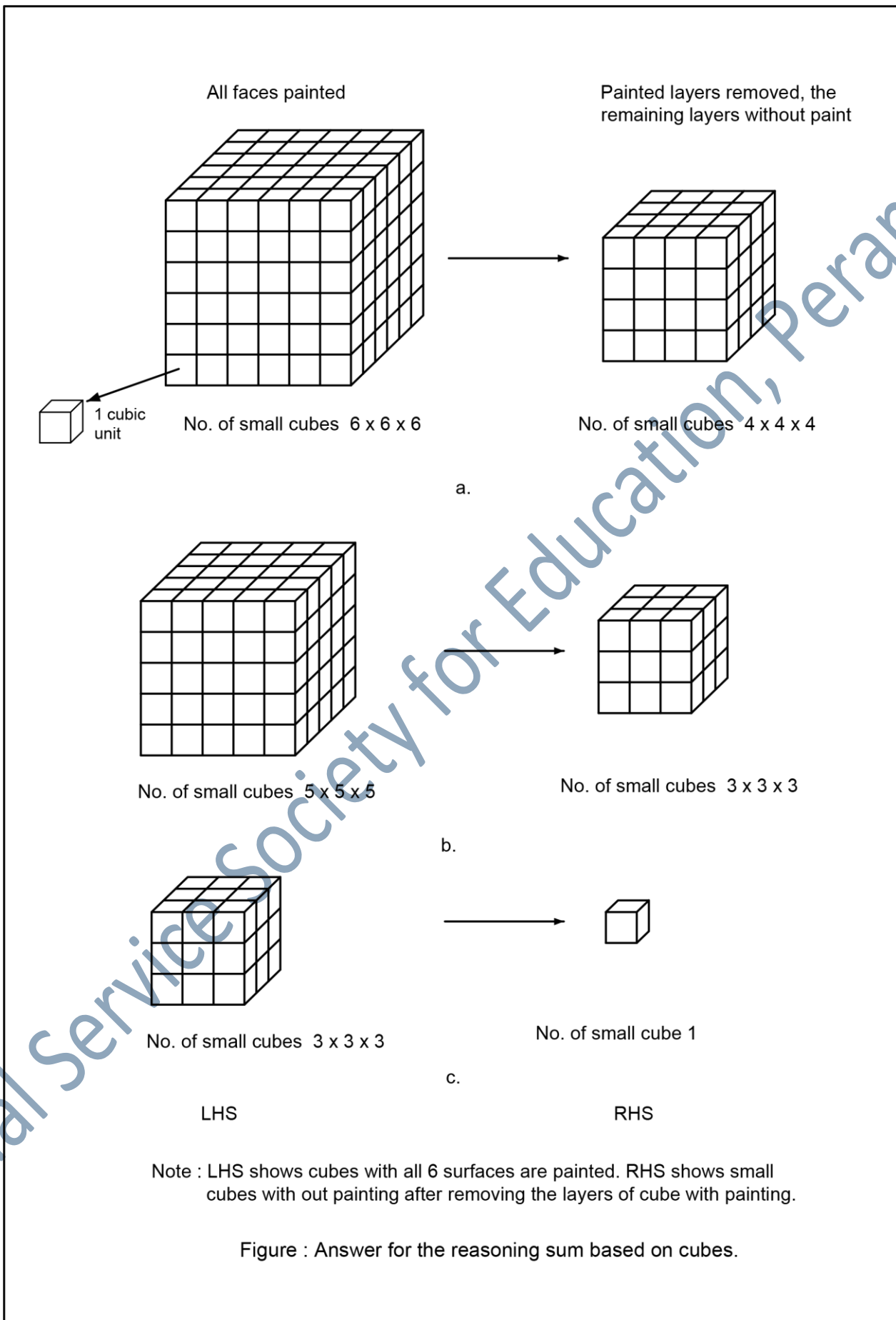
c.

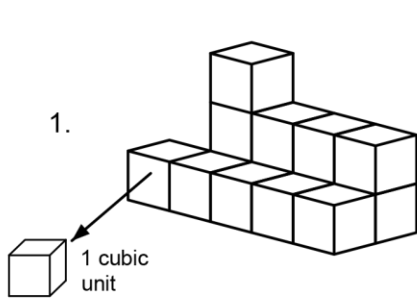
LHS

RHS

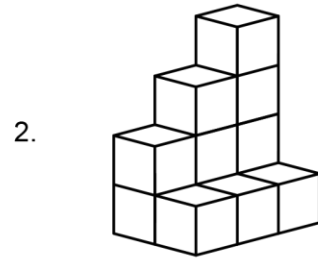
Note : LHS shows cubes with all 6 surfaces are painted. RHS shows small cubes with out painting after removing the layers of cube with painting.

Figure : A reasoning sum based on cubes.

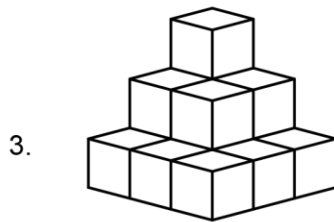




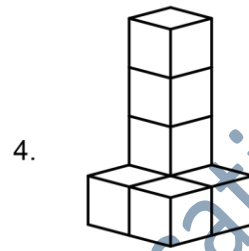
Ans :



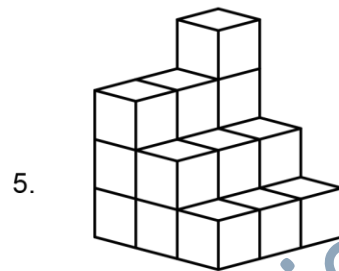
Ans :



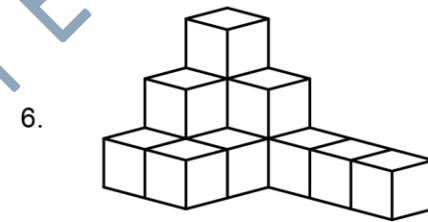
Ans :



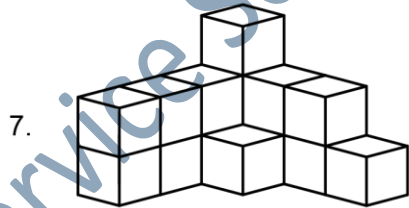
Ans :



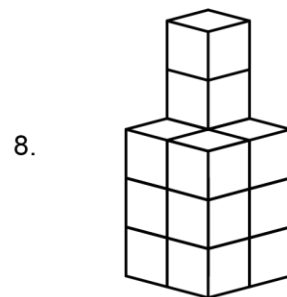
Ans :



Ans :

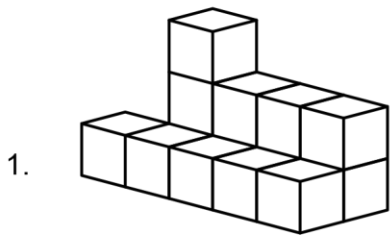


Ans :

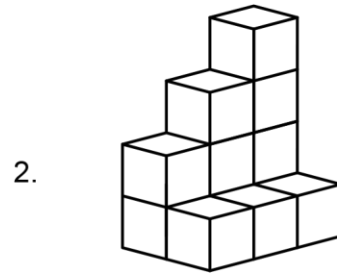


Ans :

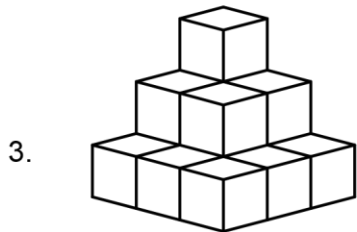
Question : Find the number of small cubes
Figure : A reasoning sum based cubic blocks.



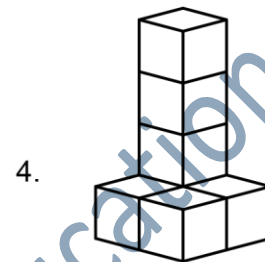
Ans : 14



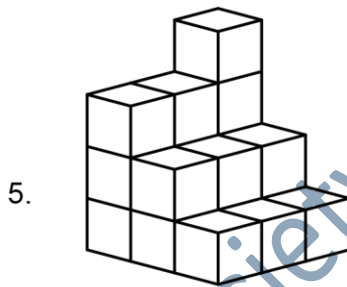
Ans : 12



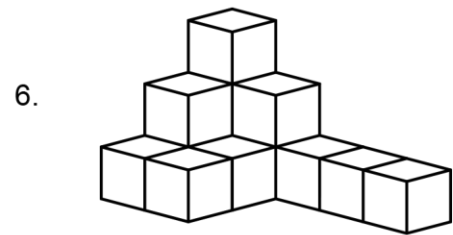
Ans : 14



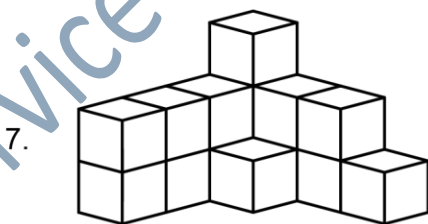
Ans : 7



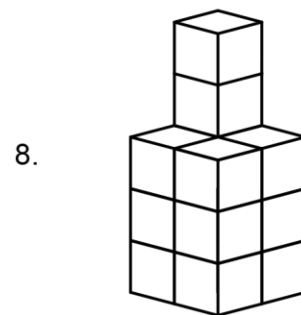
Ans : 19



Ans : 13



Ans : 15



Ans : 14

Figure : Answer for the reasoning sum based on cubic blocks.