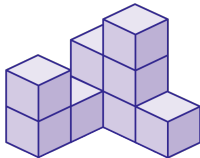
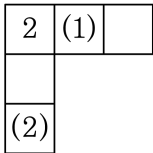


1. 왼쪽의 바탕 그림 위의 □ 안에 있는 수만큼 쌓기나무를 쌓으면 오른쪽의 모양이 됩니다. 괄호 안에 알맞은 수를 순서대로 써넣으시오.

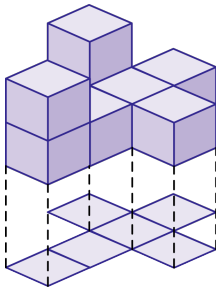


답: _____



답: _____

2. 다음 쌓기나무의 개수는 몇 개인지 구하시오.

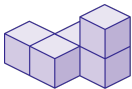


답:

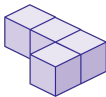
개

3. 다음 중 쌓기나무의 개수가 다른 것은 어느 것입니까?

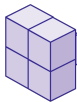
①



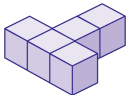
②



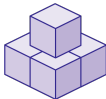
③



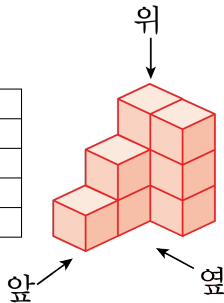
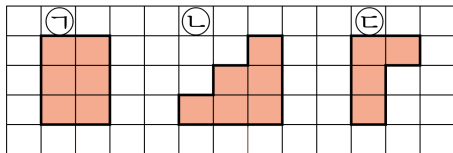
④



⑤



4. 다음 그림은 쌓기나무 9 개로 만든 모양입니다. 위, 앞, 옆에서 본 모양을 찾아 순서대로 기호를 쓰시오.

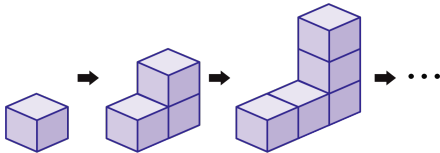


> 답: _____

> 답: _____

> 답: _____

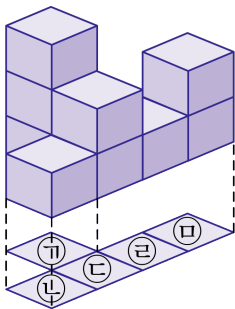
5. 다음과 같은 규칙에 따라 쌓기나무를 쌓을 때, 넷째 번에는 쌓기나무가 몇 개 필요한지 구하시오.



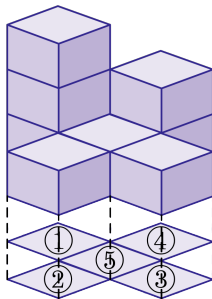
답:

개

6. 두 모양의 쌓기나무의 개수의 합과 차를 순서대로 쓰시오.



(가)



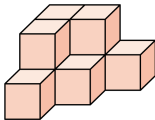
(나)

> 답: _____ 개

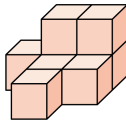
> 답: _____ 개

7. 다음 중 앞에서 본 모양이 다른 하나를 고르시오.

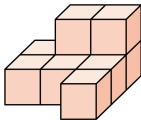
①



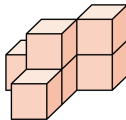
②



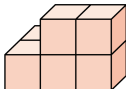
③



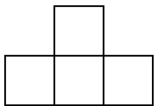
④



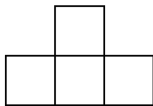
⑤



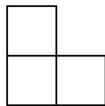
8. 다음과 같이 쌓기나무를 쌓으려고 합니다. 쌓기나무는 몇 개 필요합니까?



위



앞



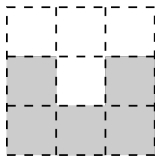
옆(오른쪽)



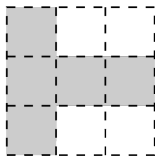
답:

개

9. 다음은 쌓기나무로 쌓은 모양을 앞, 위, 옆에서 본 모양대로 그린 것입니다. 어떤 모양인지 고르시오.



(앞)

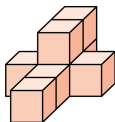


(위)

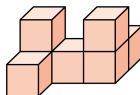


(옆)

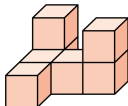
①



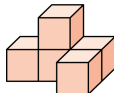
②



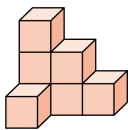
③



④

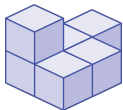


⑤

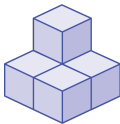


10. 다음 중 모양이 같은 것을 모두 고르시오.

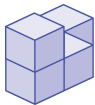
①



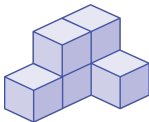
②



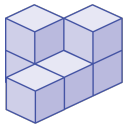
③



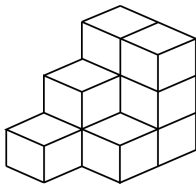
④



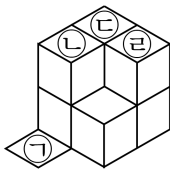
⑤



11. 두 모양이 서로 같은 모양이 되도록 나에 쌓기나무 3개를 더 쌓으려고 합니다. 쌓기나무를 더 놓아서는 안 되는 곳은 어느 곳입니까?



가

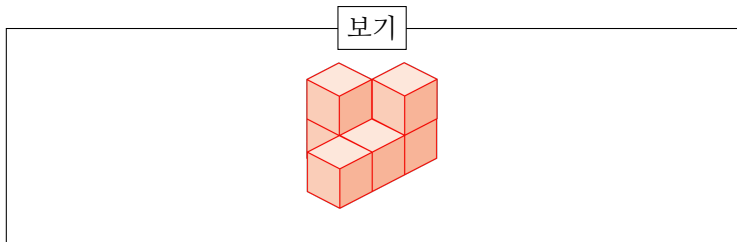


나

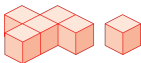


답: _____

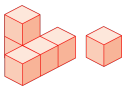
12. 두 부분을 합쳤을 때, <보기>와 같은 모양이 아닌 것은 어느 것입니까?



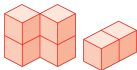
①



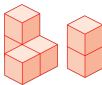
②



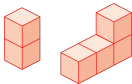
③



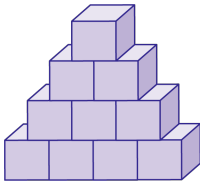
④



⑤



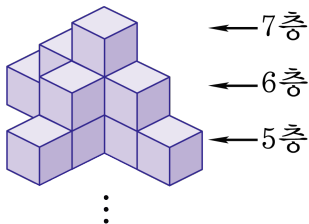
13. 쌓기나무를 다음과 같이 쌓았습니다. 규칙에 따라 아래쪽으로 4개의 층을 더 쌓는다면 쌓기나무는 몇 개 더 필요합니까?



답:

개

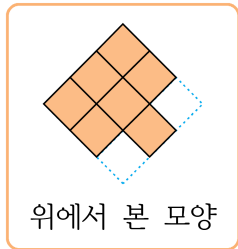
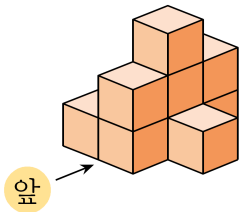
14. 다음 그림과 같은 규칙으로 7층까지 쌓았습니다. 4층에 놓이는 쌓기나무는 몇 개입니까?



답:

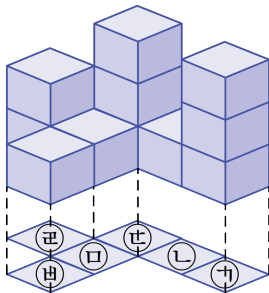
개

15. 주어진 모양과 같이 쌓기 위해 필요한 쌓기나무는 최대 몇 개인지 구하시오.

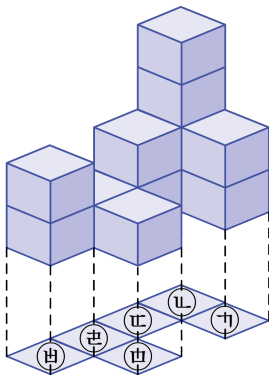


답: _____

16. 바탕그림의 같은 번호의 자리에 쌓여있는 쌓기나무의 수를 구하여
나가 가보다 더 많은 자리의 기호를 모두 쓰시오.



가



나

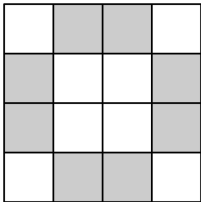


답:



답:

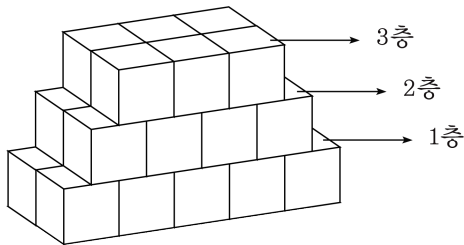
17. 가로로 4줄, 세로로 4줄씩 4층까지 쌓기나무를 쌓아 정육면체 모양을 만들었습니다. 모든 면이 아래 그림과 같이 보였다면 검은색 쌓기나무는 최소한 몇 개 사용되었습니까?



답:

개

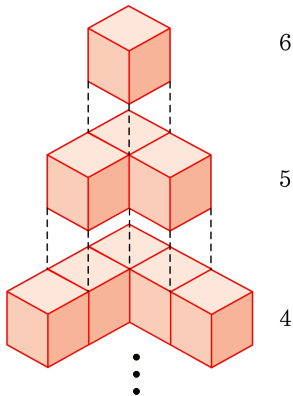
18. 다음 그림처럼 쌓기나무를 쌓을 때, 5층에는 몇 개의 쌓기나무가 필요합니까?



답:

개

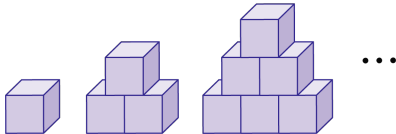
19. 다음 그림과 같은 규칙에 따라 1층부터 6층까지 쌓기나무를 쌓을 때, 쌓기나무는 모두 몇 개 필요합니까?



답: _____

개

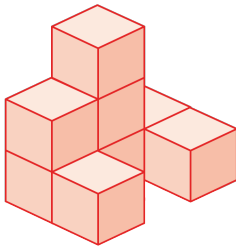
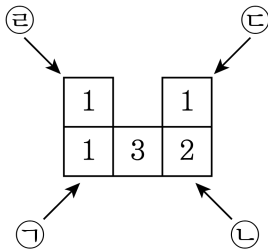
20. 다음과 같은 규칙으로 쌓기나무를 쌓아갈 때, 일곱째 번에 올 모양에는
쌓기나무 몇 개가 사용되겠습니까?



답:

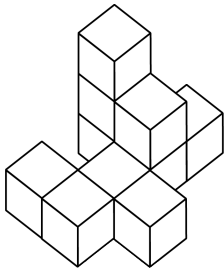
개

21. 오른쪽 쌓기나무는 왼쪽의 바탕그림의 어느 방향에서 본 모양인지 고르시오.



답: _____

22. 다음 쌓기나무에서 위에서 본 모양이 변하지 않게 하는 조건으로
쌓기나무 한 개를 더 포함할 때 올릴 수 있는 방법은 몇 가지입니까?



① 4가지

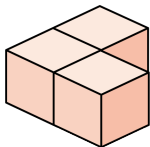
② 5가지

③ 6가지

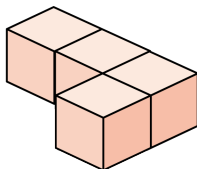
④ 7가지

⑤ 8가지

23. ㉠과 ㉡으로 만들 수 없는 모양은 어느 것인가?

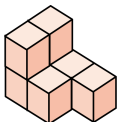


㉠

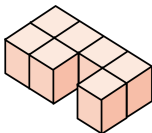


㉡

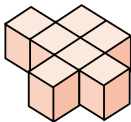
①



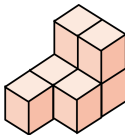
②



③



④



⑤

