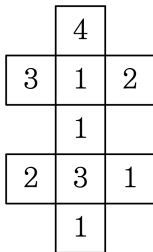


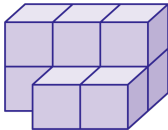
1. 다음 바탕 그림 위에 각 칸에 써 있는 수만큼 쌓기나무를 쌓아 모양을 만들려고 합니다. 필요한 쌓기나무는 몇 개입니까?



답:

개

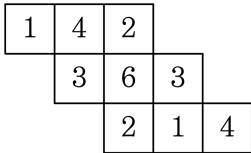
2. 다음 모양을 만들려면 쌓기나무가 적어도 몇 개 있어야 합니까?



답:

개

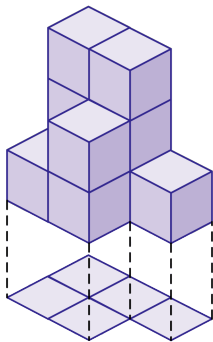
3. 바탕 그림의 각 자리에 쓰인 수는 그 자리에 쌓아올린 쌓기나무의 개수를 나타낸 것입니다. 3층에 쌓아올린 쌓기나무는 몇 개가 되겠습니까?



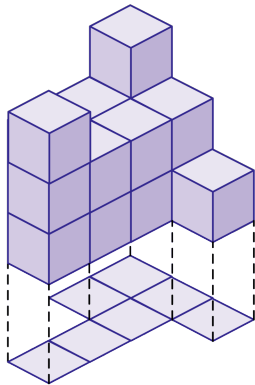
답:

개

4. 다음 쌓기나무 모양에서 사용한 쌓기나무의 개수의 차를 구하시오.



(가)



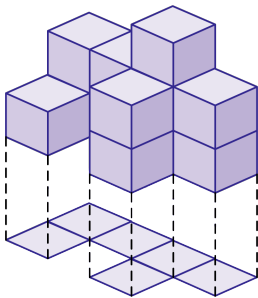
(나)



답:

개

5. 다음 쌓기나무 모양에서 사용된 쌓기나무의 수를 구하시오.

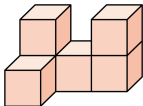


답:

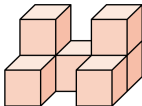
개

6. 앞에서 본 모양을 그렸을 때, 다른 것은 어느 것입니까?

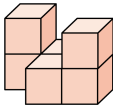
①



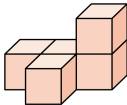
②



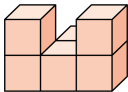
③



④

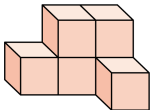


⑤

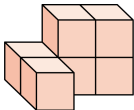


7. 앞에서 본 모양을 그렸을 때, 나타나는 정사각형의 개수가 다른 하나를 고르시오.

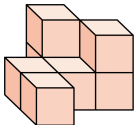
①



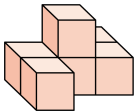
②



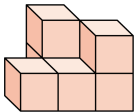
③



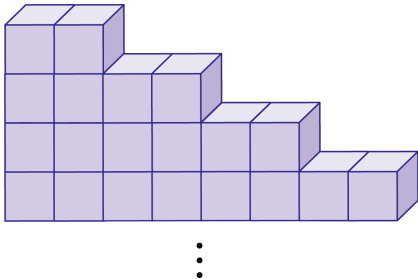
④



⑤



8. 다음 그림과 같이 쌓기나무를 5층까지 쌓을 때, 쌓기나무는 모두 몇 개가 필요합니까?



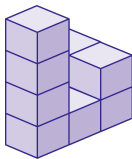
답:

개

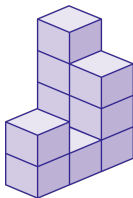
9. 다음 바탕 그림 위에 안에 있는 수만큼 쌓기나무를
쌓으면 어떤 모양이 되겠는지 고르시오.

4	3
	1
	2

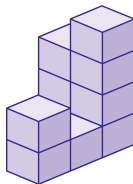
①



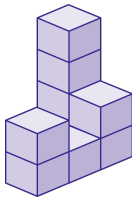
②



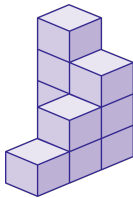
③



④



⑤



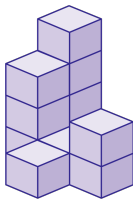
10. 왼쪽의 바탕 그림 위에

--

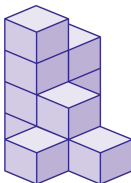
 안에 있는 수만큼 쌓기나무를 쌓으면 어떤 모양이 되겠습니까?

4		
3	1	2
	1	

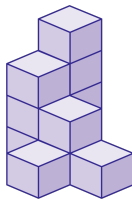
①



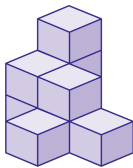
②



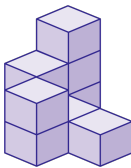
③



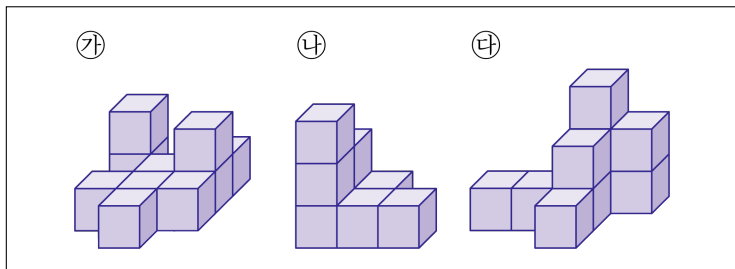
④



⑤



11. 아래 그림 중 ㉔의 모양을 위에서 본 그림에 쌓기나무의 개수를 나타낸 그림은 어느 것입니까?



①

		3	2
1	1	2	1
		1	

②

1	3	2
1	2	1
	1	

③

1		
2	1	
3	1	1

④

		3	2
1	1	2	
		1	

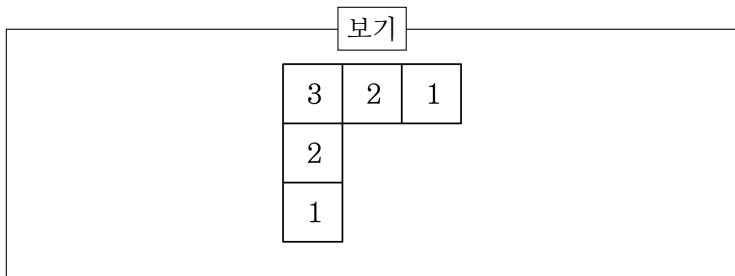
⑤

		3	2
1	1	2	2
		1	

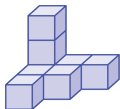
12. 보기의

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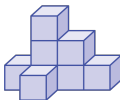
 안에 있는 수만큼 쌓기나무를 쌓은 그림을 찾으시오.



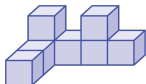
①



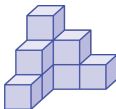
②



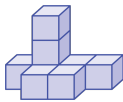
③



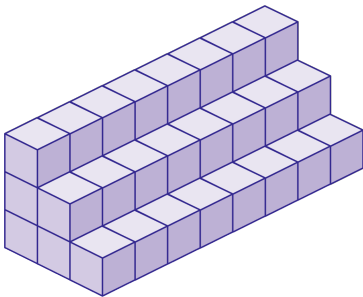
④



⑤



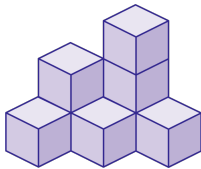
13. 다음 그림과 같은 모양을 만들기 위해 쌓기나무는 모두 몇 개 필요합니까?



답:

개

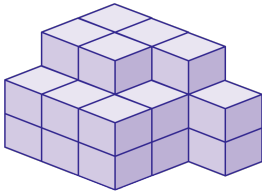
14. 다음 모양과 같은 모양을 만들기 위해서 쌓기나무는 모두 몇 개가 필요합니까? (맨 아래 층에는 5개가 놓여 있습니다.)



답:

개

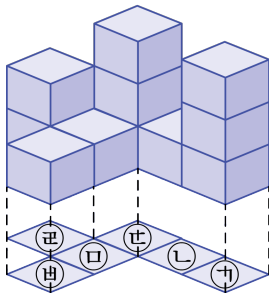
15. 보이지 않는 쌓기나무는 모두 몇 개입니까?



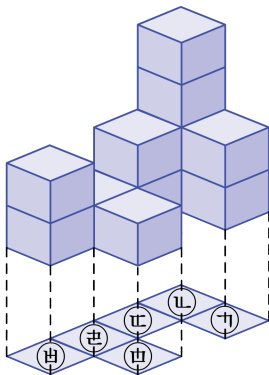
답:

개

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



가



나

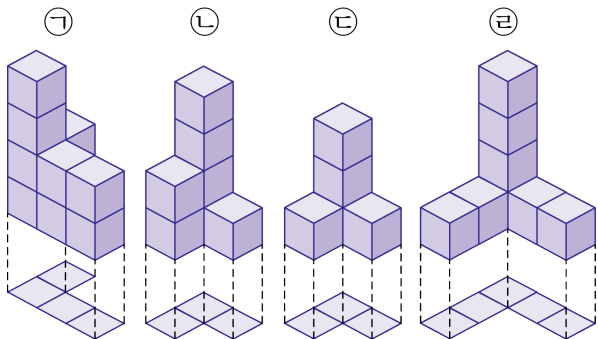


답: _____



답: _____

17. 쌓기나무의 개수가 가장 많은 것부터 차례로 기호를 쓰시오.



> 답: _____

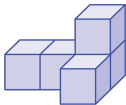
> 답: _____

> 답: _____

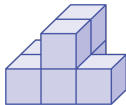
> 답: _____

18. 다음 중 앞에서 본 모양과 옆에서 본 모양이 같은 것은 어느 것인지 모두 고르시오.

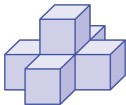
①



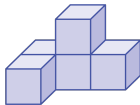
②



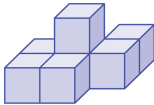
③



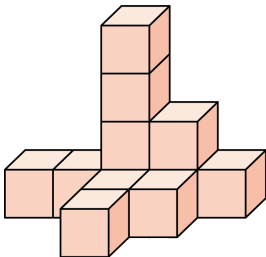
④



⑤



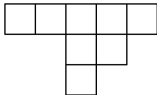
19. 아래 그림에 대한 설명으로 옳지 않은 것은 어느 것인지 고르시오.



① 4층으로 쌓아졌습니다.

② 모두 12개의 쌓기나무를 사용하였습니다.

③ 위에서 본 모양은 입니다.

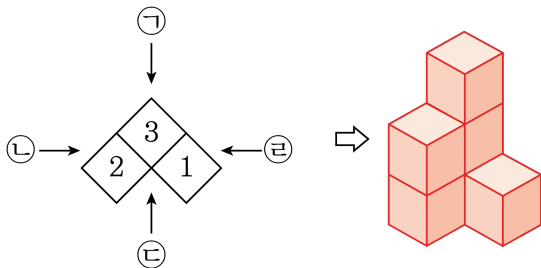


④ 오른쪽 옆에서 본 모양은 입니다.



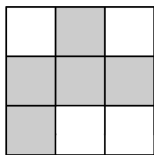
⑤ 1층은 8개의 쌓기나무를 사용했습니다.

20. 바탕 그림 위의 수는 그 위에 쌓을 쌓기나무의 개수를 나타냅니다.
완성된 쌓기나무는 ㉠, ㉡, ㉢, ㉣의 어느 방향에서 본 모양입니까?

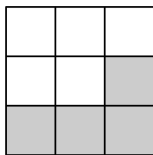


답: _____

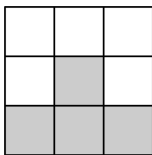
21. 다음은 쌓기나무로 쌓은 모양을 위, 앞, 옆에서 본 모양대로 그린 것입니다. 어떤 모양의 그림인지 고르시오.



(위)

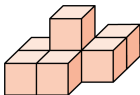


(앞)

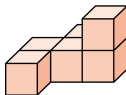


(옆)

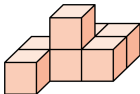
①



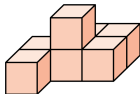
②



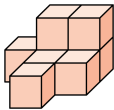
③



④

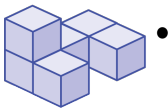


⑤

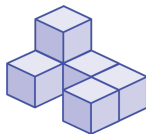


22. 같은 모양끼리 연결지어 ()안에 들어갈 기호를 순서대로 써넣으시오.

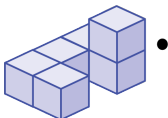
(1)



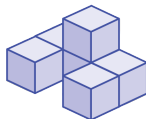
• ㉠



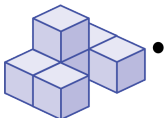
(2)



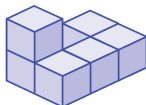
• ㉡



(3)



• ㉢



(1) - (), (2) - (), (3) - ()

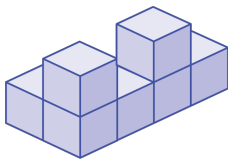
> 답: _____

> 답: _____

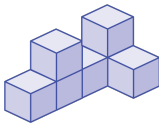
> 답: _____

23. 7개로 쌓은 [보기]의 그림과 같은 쌓기나무 모양은 어느 것입니까?

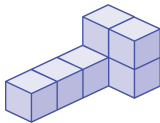
보기



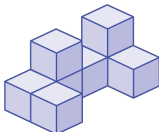
①



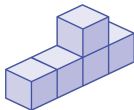
②



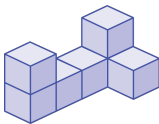
③



④

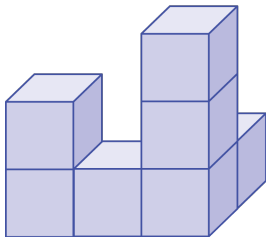


⑤

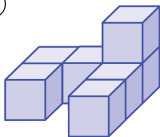


24. 다음 [보기]와 같은 모양의 쌓기나무로 바르게 짝지어진 것은 어느 것입니까?

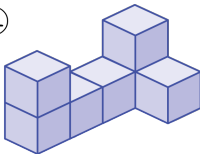
보기



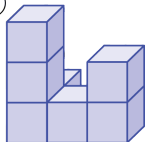
㉠



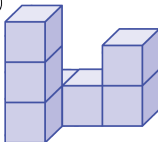
㉡



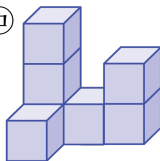
㉢



㉣



㉤



① ㉠, ㉡

② ㉠, ㉢

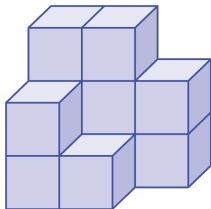
③ ㉢, ㉤

④ ㉡, ㉤

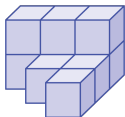
⑤ ㉠, ㉤

25. 보기와 같은 모양을 찾으시오.

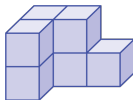
보기



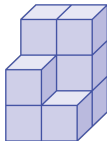
①



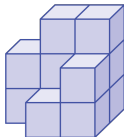
②



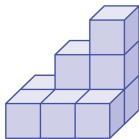
③



④

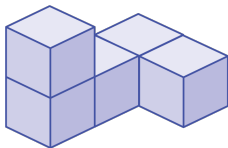


⑤

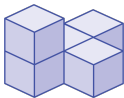


26. 보기의 그림과 같은 모양을 찾으시오.

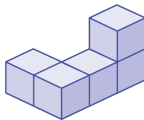
보기



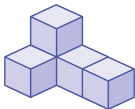
①



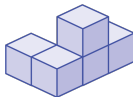
②



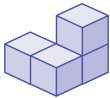
③



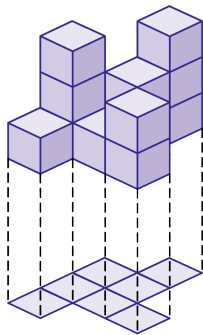
④



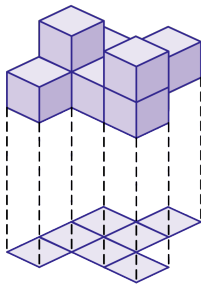
⑤



27. 동규는 진석이가 쌓은 모양과 똑같이 쌓기나무를 쌓으려고 합니다.
쌓기나무를 몇 개 더 쌓아야 합니까?



진석



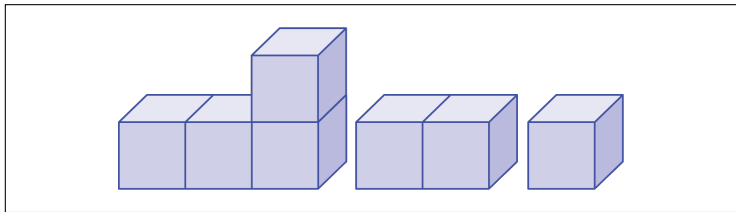
동규



답:

개

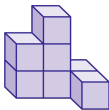
28. 다음 중 <보기>의 쌓기나무로 쌓은 모양이 아닌 것은 어느 것인지 고르시오.



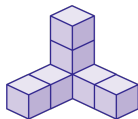
①



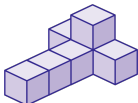
②



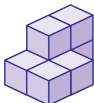
③



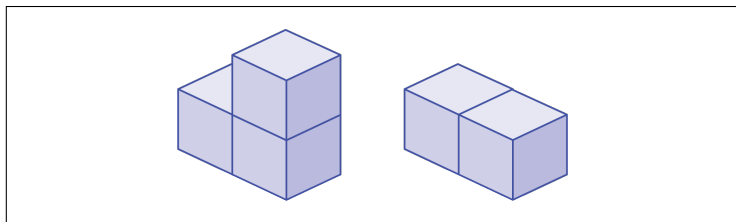
④



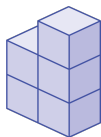
⑤



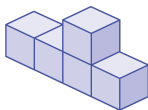
29. 다음 쌓기나무 두 조각으로 만들 수 없는 것은 어느 것인지 고르시오.



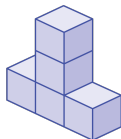
①



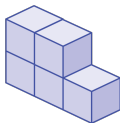
②



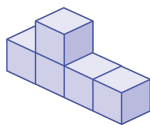
③



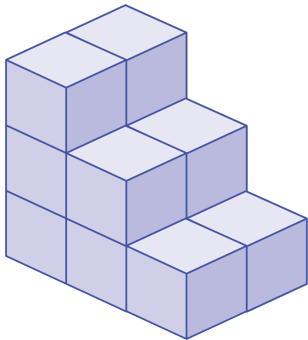
④



⑤

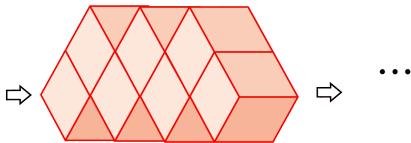
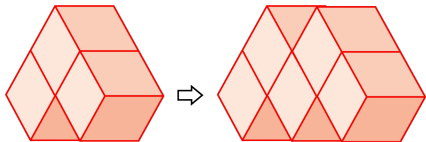


30. 다음 그림은 규칙에 따라 쌓기나무를 쌓은 것입니다. 규칙을 찾아 쓴 것으로 옳은 것은?



- ① 위로 올라갈수록 쌓기나무가 1 개씩 늘어납니다.
- ② 아래로 내려갈수록 쌓기나무가 1 개씩 늘어납니다.
- ③ 위로 올라갈수록 쌓기나무가 2 개씩 늘어납니다.
- ④ 아래로 내려갈수록 쌓기나무가 2 개씩 늘어납니다.
- ⑤ 위로 올라갈수록 쌓기나무를 엇갈려 있습니다.

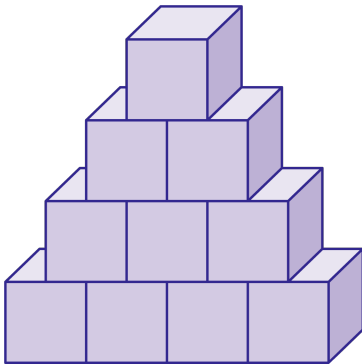
31. 다음 쌓기나무로 만든 모양에서 넷째 번에 올 모양을 만들기 위해 쌓기나무가 몇 개 필요한지 구하시오.



답:

개

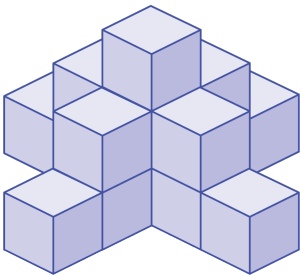
32. 다음 그림은 일정한 규칙에 따라 쌓기나무를 쌓은 것입니다. 10층까지 쌓으려면 쌓기나무는 모두 몇 개 필요합니까?



답:

개

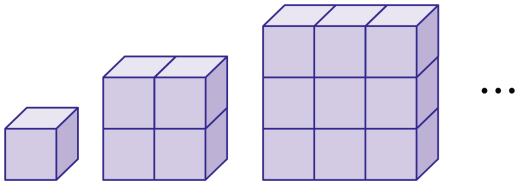
33. 쌓기나무 모양의 규칙을 찾아 다음 그림에서 아래로 5층을 더 쌓으면 1층에 쌓을 쌓기나무는 몇 개인지 구하시오.



답: _____

개

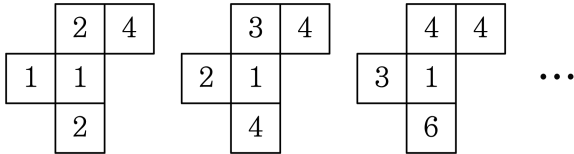
34. 다음과 같이 쌓기나무로 직육면체 모양을 만들었습니다. 열째 번에 올 모양을 만들기 위해서 필요한 쌓기나무는 몇 개입니까?



답:

개

35. 바탕 그림 위의 각 칸에 있는 수만큼 쌓기나무를 쌓았습니다. 다섯 번째에 올 쌓기 나무의 개수는 몇 개인지 구하시오.



답:

개

36. 크기가 같은 정육면체 모양의 쌓기나무 여러 개를 쌓아 정육면체를 만들려고 합니다. 넷째 번으로 작은 정육면체를 만들 때, 필요한 쌓기나무는 모두 몇 개입니까? (단, 쌓기나무는 2개 이상 사용되어야 합니다.)

① 216 개

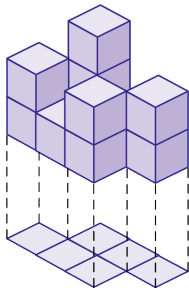
② 125 개

③ 64 개

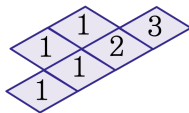
④ 81 개

⑤ 27 개

37. 다음은 쌓기나무를 쌓은 모양을 나타낸 것입니다. 쌓기나무의 수는 어느 것이 몇 개 더 많은지 순서대로 쓰시오. (단, 바탕 그림 위의 수는 각 자리에 쌓여있는 쌓기나무의 수입니다.)



㉠

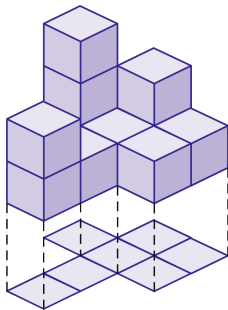


㉡

> 답: _____

> 답: _____ 개

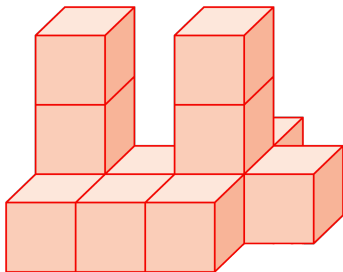
38. 유란이는 친구들과 정육면체 모양의 쌓기나무로 쌓기놀이를 하고 있습니다. 유란이는 현진이가 가진 쌓기나무의 2배보다 3개 많고, 정훈이는 유란이가 가진 쌓기나무의 3배보다 10개 적게 가지고 있습니다. 현진이가 만든 쌓기 나무 모양이 아래와 같다면 정훈이가 가지고 있는 쌓기나무는 모두 몇 개인지 구하시오.



답: _____

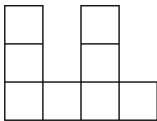
개

39. 오른쪽 그림에 대한 설명으로 옳지 않은 것은 어느 것입니까?

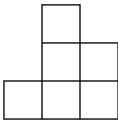


① 3층으로 이루어져 있습니다.

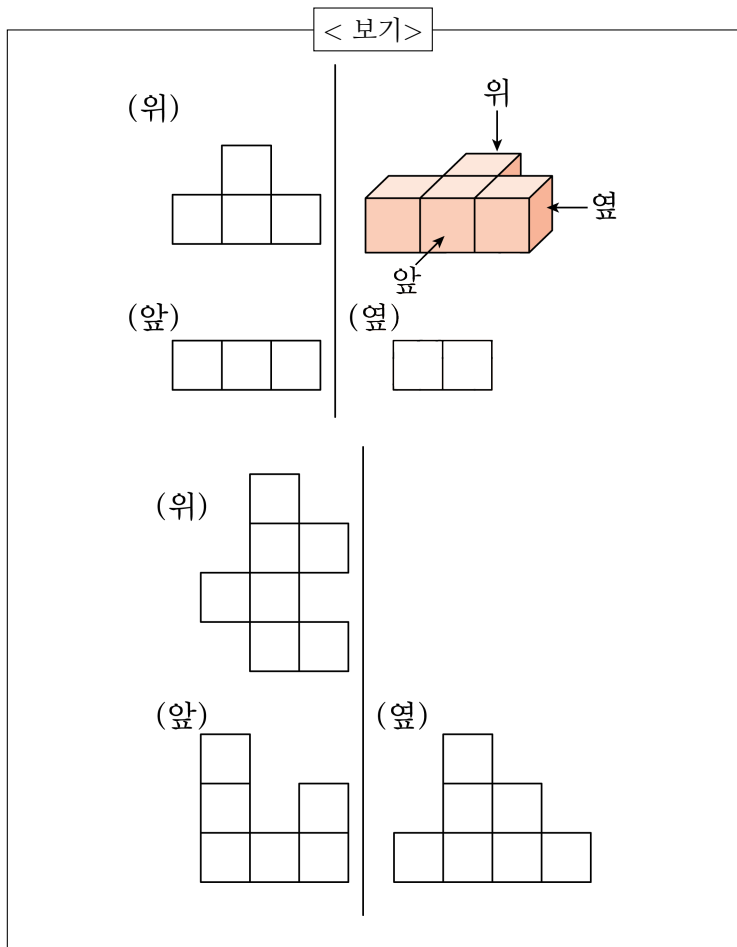
② 1층에는 모두 8개의 쌓기나무가 사용되었습니다.

③ 앞에서 본 모양은  입니다.

④ 모두 12개의 쌓기나무가 사용되었습니다.

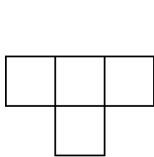
⑤ 오른쪽 옆에서 본 모양은  입니다.

40. 보기는 똑같은 크기의 쌓기나무 4 개를 쌓아놓고 각각 위, 앞, 옆에서 본 그림을 나타낸 것입니다. 다음 그림은 쌓기나무 몇 개를 쌓은 것인지 구하시오.

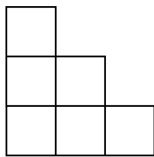


답: _____ 개

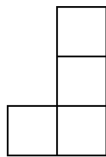
41. 위, 앞, 옆에서 본 모양이 다음과 같은 쌓기나무를 만들려고 합니다.
쌓기나무는 몇 개 필요합니까?



위



앞



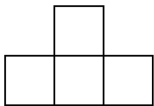
옆(오른쪽)



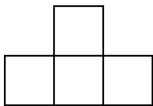
답:

개

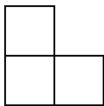
42. 위, 앞, 옆에서 본 모양이 각각 다음과 같은 쌓기나무를 쌓으려면 2층에는 몇 개의 쌓기나무가 필요합니까?



위



앞



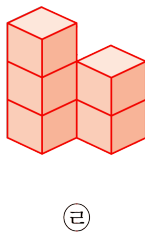
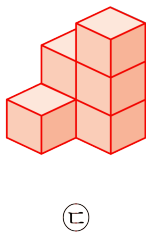
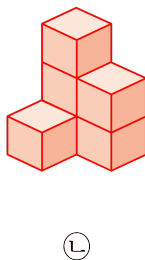
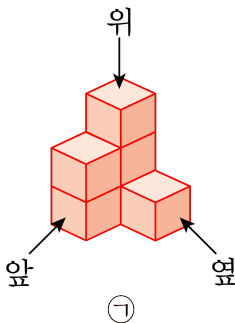
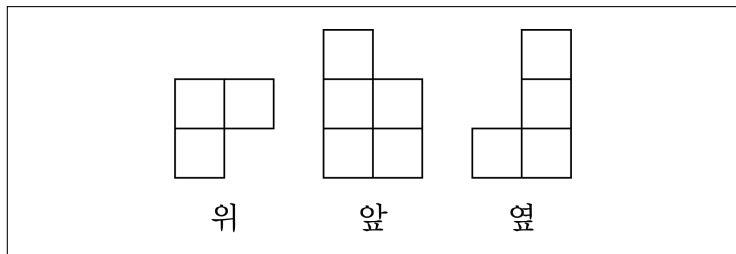
옆(오른쪽)



답:

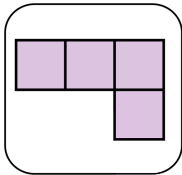
개

43. 위, 앞, 옆에서 본 모양이 다음과 같도록 쌓기나무를 바르게 쌓은 것은 어느 것인지 구하시오.

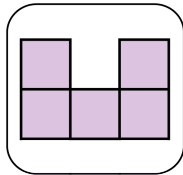


답:

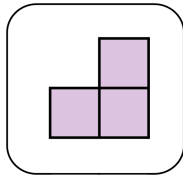
44. 위, 앞, 옆 (오른쪽) 에서 본 모양이 각각 다음과 같을 때, 이 모양을 만들기 위해서 필요한 쌓기나무는 모두 몇 개입니까?



위



앞



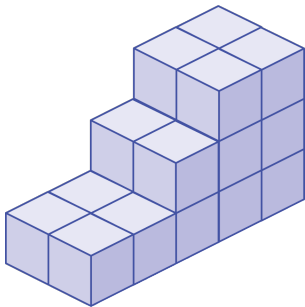
옆(오른쪽)



답:

개

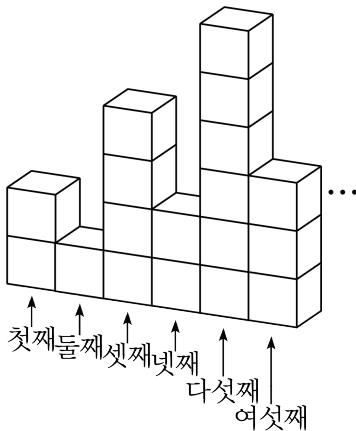
45. 쌓기나무의 바닥에 닿은 곳을 제외한 각 면에 스티커를 붙이려고 합니다. 스티커는 몇 개가 필요합니까?



답:

개

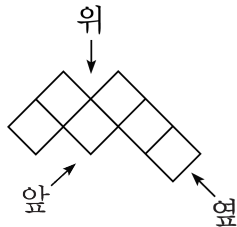
46. 다음과 같은 규칙으로 계속해서 10째 번까지 쌓기나무를 쌓는다면
쌓기나무는 모두 몇 개 필요합니까?



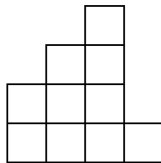
답:

개

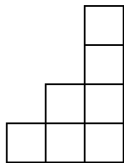
47. 바탕 그림과 앞, 옆에서 본 모양이 다음과 같이 되도록 쌓기나무를
쌓아 만들려고 합니다. 쌓기나무는 최대 몇 개 필요합니까?



바탕 그림



앞에선 본
모양



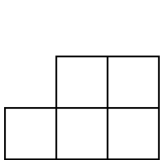
옆에서 본
모양



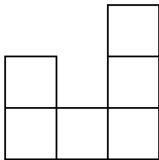
답:

개

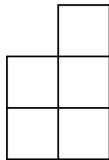
48. 쌓기나무로 위, 앞, 옆에서 본 모양이 아래와 같도록 만들려고 합니다.
쌓기나무는 최대한 몇 개 필요지 구하시오.



위



앞



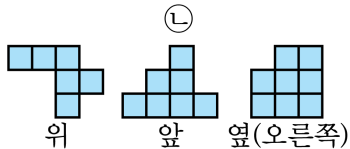
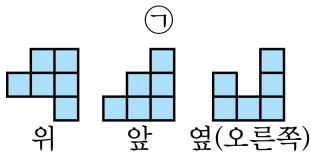
옆(오른쪽)



답:

개

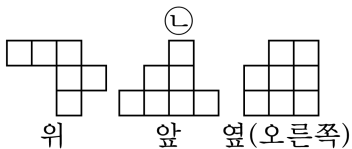
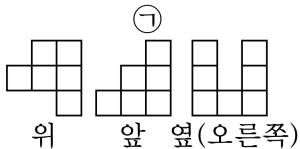
49. ㉠과 ㉡의 쌓기나무 중 어느 것이 몇 개 더 많은지 순서대로 쓰시오.



> 답: _____

> 답: _____ 개

50. ㄱ과 ㄴ의 쌓기나무 중 어느 것이 몇 개 더 많습니까?



> 답: _____

> 답: _____ 개