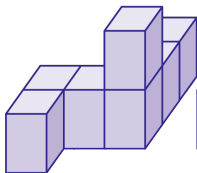


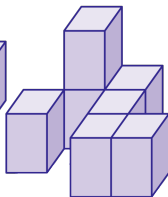
1. 바탕 그림에 알맞은 쌓기나무를 ㉠, ㉡, ㉢에서 고르시오.

1		
2	1	1
1		1

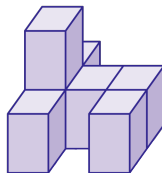
㉠



㉡

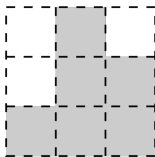


㉢

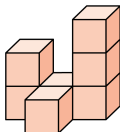


답: _____

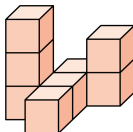
2. 동수가 쌓기나무로 쌓은 모양을 오른쪽 옆에서 보니 아래 그림과 같았습니다. 동수가 만든 모양은 어느 것인가?



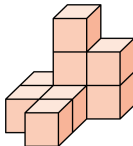
①



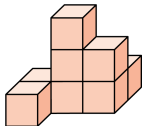
②



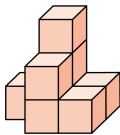
③



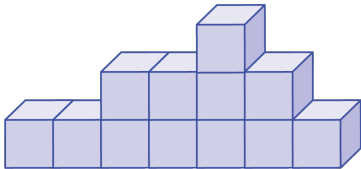
④



⑤



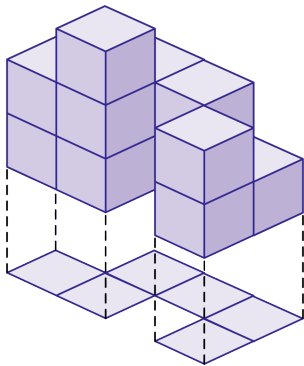
3. 쌓기나무를 다음과 같이 쌓았습니다. 규칙에 따라 아래에 한 층을 더 쌓으면 쌓기나무를 몇 개 더 놓아야 합니까?



답:

개

4. 다음 그림과 같은 모양을 만들기 위해서는 쌓기나무가 몇 개 필요합니까?



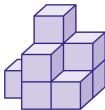
답:

개

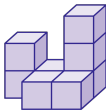
5. 다음 그림은 어떤 모양을 만드는 데 필요한 쌓기나무의 개수를 나타낸 것입니다. 다음 그림이 나타내는 모양을 찾으시오.

1	3	2	1
0	1	1	0

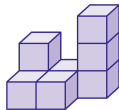
①



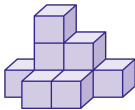
②



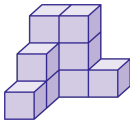
③



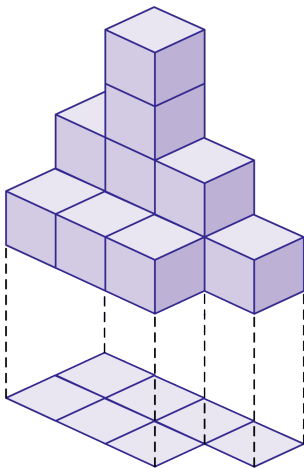
④



⑤



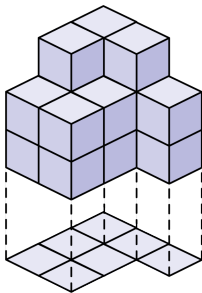
6. 다음 모양을 만드는 데 사용한 쌓기나무는 모두 몇 개입니까?



답: _____

개

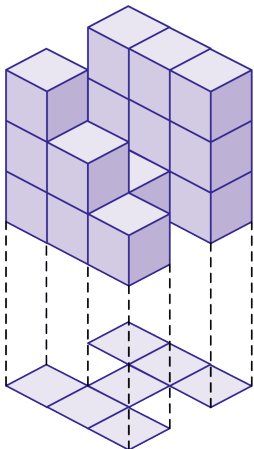
7. 보이지 않는 쌓기나무는 모두 몇 개입니까?



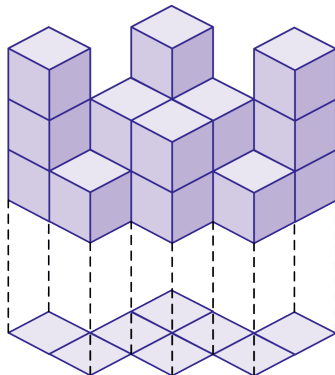
답:

개

8. 승기와 민정이 쌓기나무로 쌓은 모양입니다. 쌓기나무를 더 많이 사용한 사람은 누구입니까?



승기



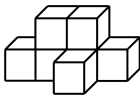
민정



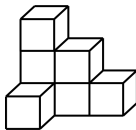
답:

9. 다음은 여러 개의 쌓기나무를 이용하여 만든 모양입니다. 사용된 쌓기나무의 개수가 다른 것은 어느 것인지 고르시오.

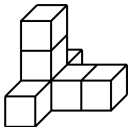
①



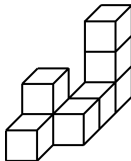
②



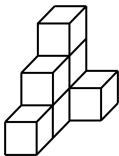
③



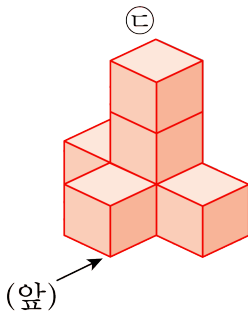
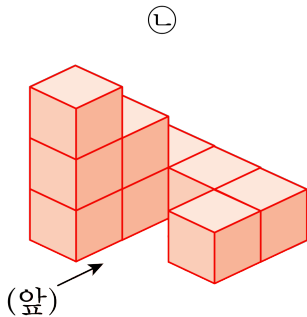
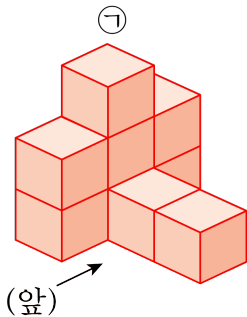
④



⑤

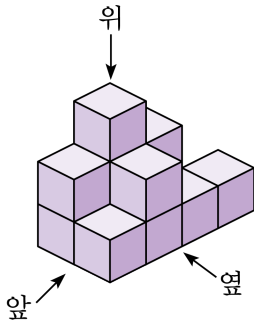


10. 다음 중 앞에서 본 모양이 다른 것을 찾으시오.



답:

11. 오른쪽 그림은 한 변의 길이가 5cm인 정육면체 모양의 쌓기나무 12개로 만든 모양입니다. 위에서 본 모양의 둘레와 옆에서 본 모양의 둘레의 차는 몇 cm입니까?



답:

cm

12. 다음이 설명하는 모양을 찾으시오.

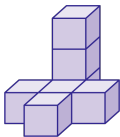
- 전체 3층으로 이루어져 있습니다.
- 모두 9개의 쌓기나무를 사용하였습니다.

- 위에서 본 모양은

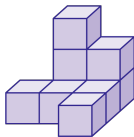


입니다.

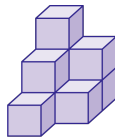
①



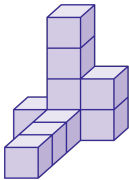
②



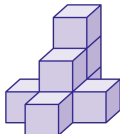
③



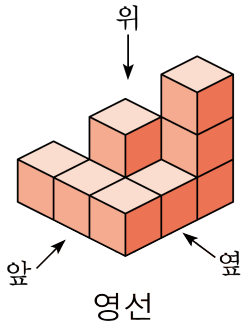
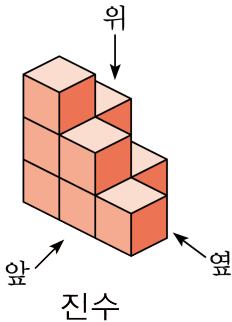
④



⑤



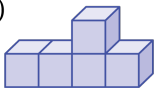
13. 진수와 영선이가 각각 쌓기나무 9개로 다음과 같은 모양을 만들었습니다. 만든 모양의 위, 앞, 옆에서 본 모양대로 색칠을 하여 더 많은 칸에 색칠한 사람이 이긴다고 한다면, 누가 이기겠습니까?



답: _____

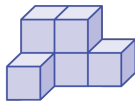
14. 같은 모양끼리 연결한 것은 어느 것입니까?

(1)

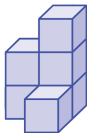


•

• ㉠

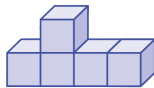


(2)

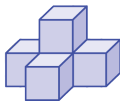


•

• ㉡

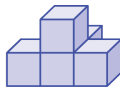


(3)



•

• ㉢



① (1) - ㉠ (2) - ㉡ (3) - ㉢

② (1) - ㉡ (2) - ㉢ (3) - ㉠

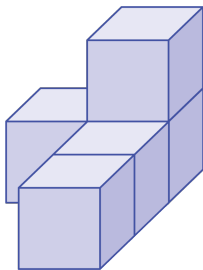
③ (1) - ㉢ (2) - ㉠ (3) - ㉡

④ (1) - ㉠ (2) - ㉢ (3) - ㉡

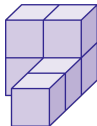
⑤ (1) - ㉡ (2) - ㉠ (3) - ㉢

15. 보기와 모양이 같은 것을 찾으시오.

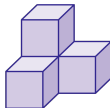
보기



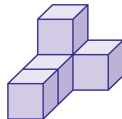
①



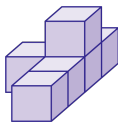
②



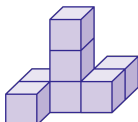
③



④

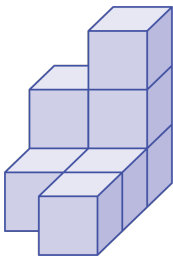


⑤

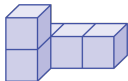


16. 다음 중 보기와 같은 모양을 찾으시오.

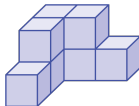
보기



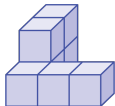
①



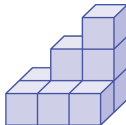
②



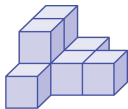
③



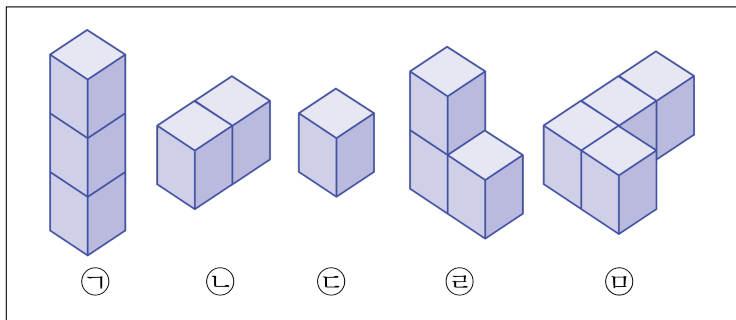
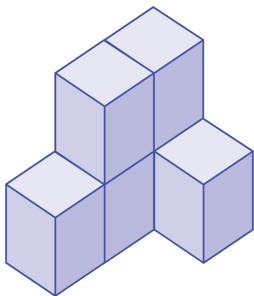
④



⑤



17. 다음 중 기호의 모양을 붙였을때 다음 모양이 만들어지지 않는 경우를 모두 고르시오.



① ㄱ, ㄴ, ㄷ

② ㄴ, ㄷ, ㄹ

③ ㄴ, ㅁ

④ ㄴ, ㄷ

⑤ ㄹ, ㅁ

18. 다음 수진이와 은혜의 대화를 보고, 은혜가 만든 쌓기나무를 찾으시오.

수진: 몇 층으로 쌓았니?

은혜: 4층

수진: 2층과 3층의 모양이 다르니?

은혜: 아니!

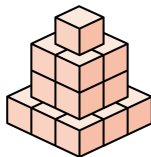
수진: 1층과 2층이 엇갈리며 쌓았니?

은혜: 응

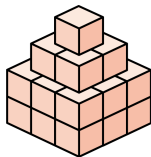
수진: 3층이 4층보다 몇 개 더 많니?

은혜: 2개

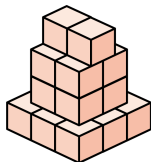
①



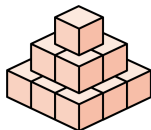
②



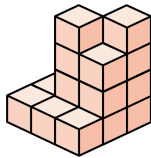
③



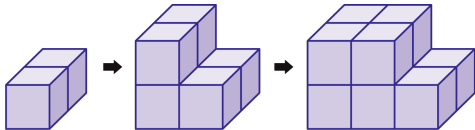
④



⑤

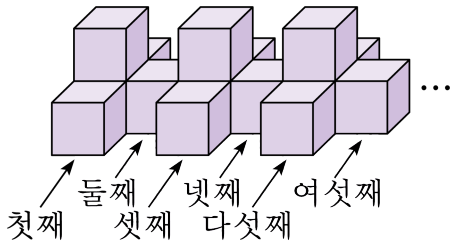


19. 다음과 같은 규칙으로 쌓기나무를 쌓을 때, 일곱째 번 쌓기나무는 모두 몇 개 필요합니까?



- ① 26개 ② 22개 ③ 18개 ④ 14개 ⑤ 10개

20. 다음과 같은 규칙으로 계속해서 16 번째까지 쌓기나무를 쌓는다면, 필요한 쌓기나무는 모두 몇 개입니까?



답: _____

개