1. 다음 중 쌓기나무의 개수가 다른 것은 어느 것입니까?

①

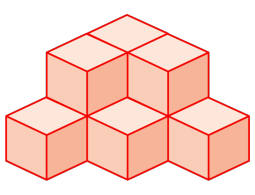
②

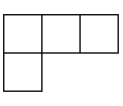
③

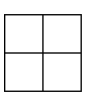
④

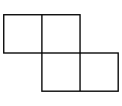
⑤

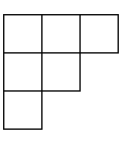
2. 그림은 쌓기나무 9 개로 쌓은 것입니다. 이 쌓기나무의 바탕 그림으로 알맞은 것은 어느 것입니까?

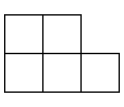


① 

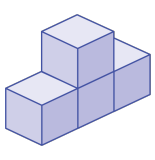
② 

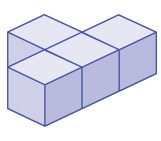
③ 

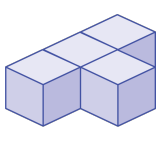
④ 

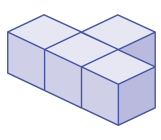
⑤ 

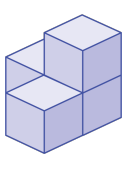
3. 다음 중 모양이 다른 하나는 어느 것입니까?

① 

② 

③ 

④ 

⑤ 

4. 다음 쌓기나무를 옆에서 본 모양은 어느 것입니까?

①

②

③

④

⑤

5. 왼쪽 그림과 같은 모양을 쌓는 데 필요한 쌓기나무의 개수를 위에서 본 모양 위에 나타낸 것 중 옳은 것은 어느 것입니까?

① 2 3 1 2 / 1 2 1 1 / 1

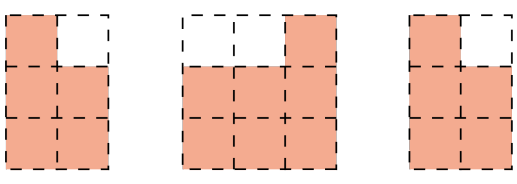
② 2 3 2 / 2 3 1 / 1

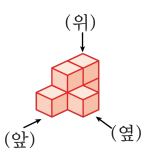
③ 2 3 2 / 2 3 1 / 1

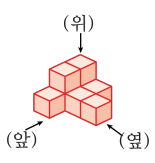
④ 2 3 2 1 / 2 3 1 1 / 1

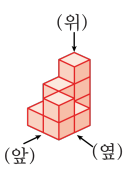
⑤ 2 3 2 1 / 2 3 1 2 / 1

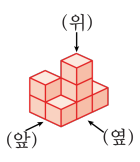
6. 다음은 쌓기나무로 쌓은 모양을 위, 옆, 앞에서 본 모양대로 그린 것입니다. 어떤 모양을 그린 것인지 고르시오.

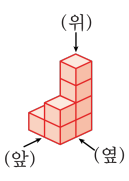


① 

② 

③ 

④ 

⑤ 

7. 아래 모양을 몇 개의 부분으로 나누어 쌓으려고 할 때, 빈 칸에 들어갈 모양은 어느 것인가?

①

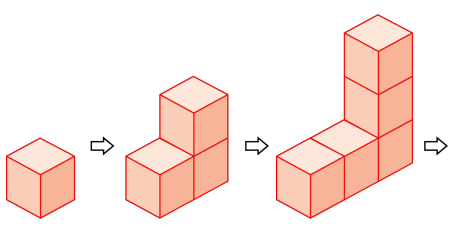
②

③

④

⑤ 답 없음

8. 쌓기나무로 다음과 같은 모양을 만들었습니다. 어떤 규칙에 따라 만들어졌는지 알맞은 것을 고르시오.



① 위로 올라갈수록 1개씩 늘어납니다.

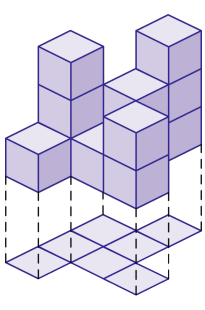
② 옆으로 1개씩 늘어납니다.

③ 위로 올라갈수록 2개씩 늘어납니다.

④ 왼쪽에 1개, 위로 1개씩 늘어납니다.

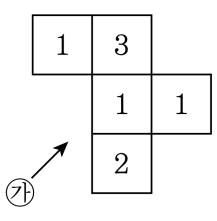
⑤ 오른쪽에 1개, 위로 1개씩 늘어납니다.

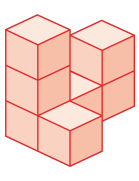
9. 다음 13개의 쌓기나무 중 2층의 쌓기나무를 모두 빼면 몇 개의 쌓기나무가 남습니까?

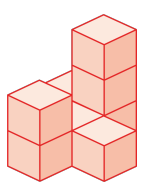


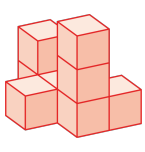
① 6개 ② 7개 ③ 8개 ④ 9개 ⑤ 10개

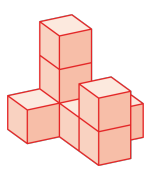
10. 아래 그림에서 □ 안에 있는 수는 그 위에 쌓기나무의 개수를 나타낸 것입니다. ㉮ 방향에서 바라 본 모양은 어느 것입니까?

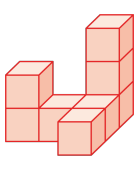


① 

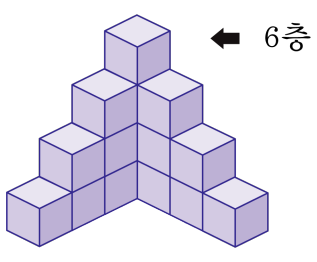
② 

③ 

④ 

⑤ 

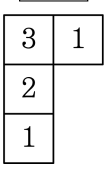
11. 다음 그림과 같은 규칙으로 쌓기나무를 쌓으려고 합니다. 문제의 규칙에 맞게 1층 개수를 구하시오.

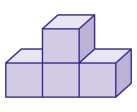


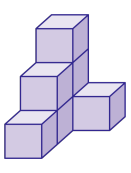
① 7개 ② 8개 ③ 9개 ④ 10개 ⑤ 11개

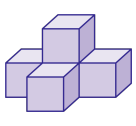
12. 보기의 ☐ 안에 있는 수만큼 쌓기나무를 쌓은 그림을 찾으시오.

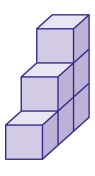
보기

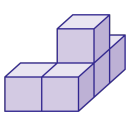


① 

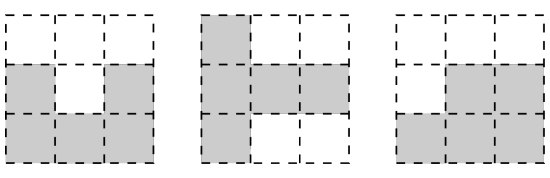
② 

③ 

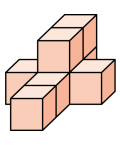
④ 

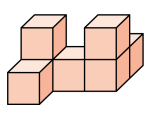
⑤ 

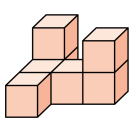
13. 다음은 쌓기나무로 쌓은 모양을 앞, 위, 옆에서 본 모양대로 그린 것입니다. 어떤 모양인지 고르시오.

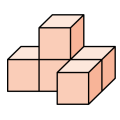


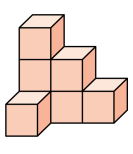
(앞) (위) (옆)

① 

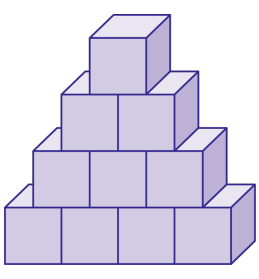
② 

③ 

④ 

⑤ 

14. 다음과 같은 규칙의 쌓기나무가 있습니다. 그림의 규칙으로 맞지 <u>않는</u> 것은 어느 것입니까?



① 아래로 내려갈수록 1개씩 늘어납니다.

② 위로 올라갈수록 1개씩 줄어듭니다.

③ 각층끼리 엇갈리게 쌓았습니다.

④ 위로 올라갈수록 2개씩 줄어듭니다.

⑤ 층마다 쌓기나무 개수가 다릅니다.

15. 그림과 같은 모양을 쌓는 데 필요한 쌓기나무의 개수를 위에서 본 모양에 나타낸 것 중 바른 것은 어느 것입니까?

①

3	0	4
1	0	1
1	2	2

②

3	3	0	4
1	2	2	2

③

3	2	4
1	2	2

④

2	3	0	3
1	3	1	2

⑤

3	0	4	1
1	2	2	0