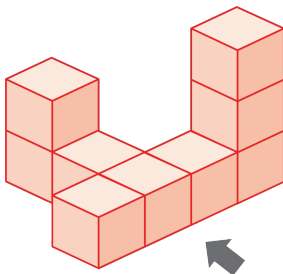
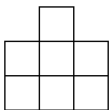


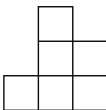
1. 다음 쌓기나무를 옆에서 본 모양은 어느 것입니까?



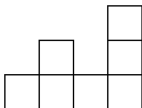
①



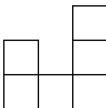
②



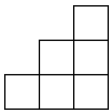
③



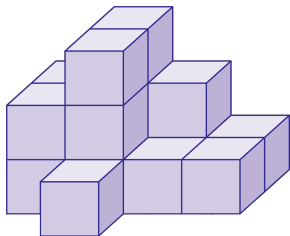
④



⑤



2. 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		

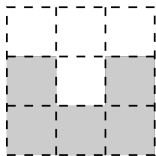
④

2	3	2	1
2	3	1	1
	1		

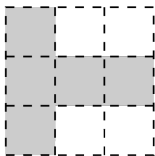
⑤

2	3	2	1
2	3	1	2
	1		

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



(앞)

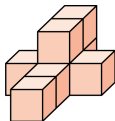


(위)

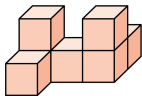


(옆)

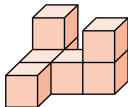
①



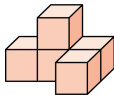
②



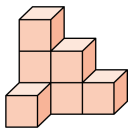
③



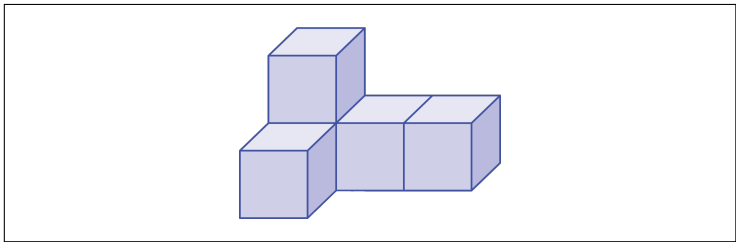
④



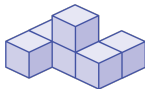
⑤



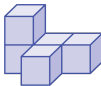
4. 다음 쌓기나무와 모양이 같은 것은 어느 것입니까?



①



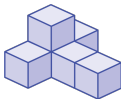
②



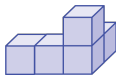
③



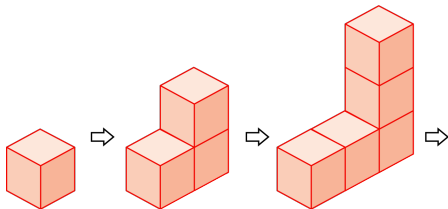
④



⑤



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

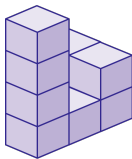


- ① 위로 올라갈수록 1개씩 늘어납니다.
- ② 옆으로 1개씩 늘어납니다.
- ③ 위로 올라갈수록 2개씩 늘어납니다.
- ④ 왼쪽에 1개, 위로 1개씩 늘어납니다.
- ⑤ 오른쪽에 1개, 위로 1개씩 늘어납니다.

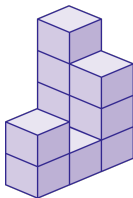
6. 다음 바탕 그림 위에 안에 있는 수만큼 쌓기나무를
쌓으면 어떤 모양이 되겠는지 고르시오.

4	3
	1
	2

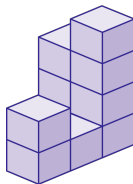
①



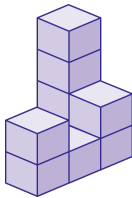
②



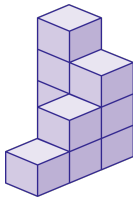
③



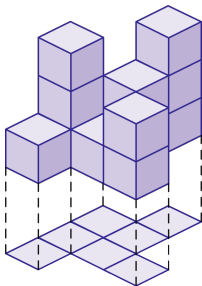
④



⑤



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



① 6개

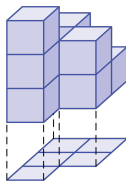
② 7개

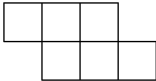
③ 8개

④ 9개

⑤ 10개

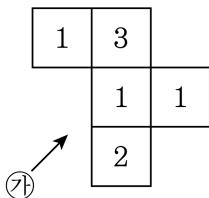
8. 다음 그림과 같은 모양에 대한 설명으로 옳지 않은 것을 모두 고르시오.



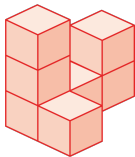
- ① 1층에 5개의 쌓기나무가 사용되었습니다.
- ② 2층에 3개의 쌓기나무가 사용되었습니다.
- ③ 앞에서 본 모양은  과 같습니다.

- ④ 사용된 쌓기나무는 모두 9개입니다.
- ⑤ 사용된 쌓기나무는 모두 11개입니다.

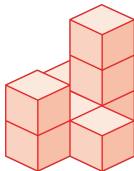
9. 아래 그림에서 □ 안에 있는 수는 그 위에 쌓기나무의 개수를 나타낸 것입니다. ㉠ 방향에서 바라 본 모양은 어느 것입니까?



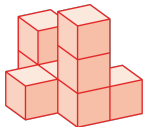
①



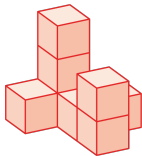
②



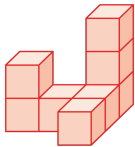
③



④

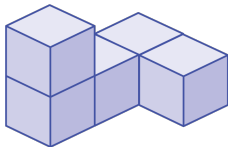


⑤

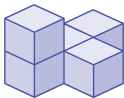


10. 보기의 그림과 같은 모양을 찾으시오.

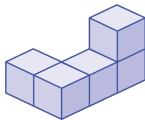
보기



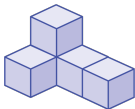
①



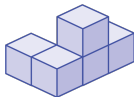
②



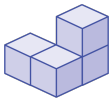
③



④



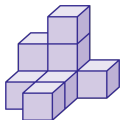
⑤



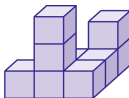
11. 다음 그림은 어떤 모양을 만드는 데 필요한 쌓기나무의 개수를 나타낸 것이다. 다음 그림이 나타내는 모양은 어느 것입니까?

2	3	0
1	2	1
0	0	1

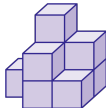
①



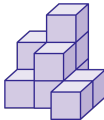
②



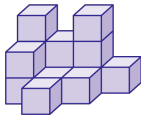
③



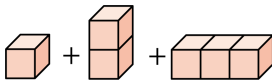
④



⑤

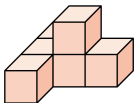


12.

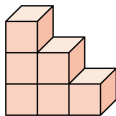


로 만들 수 없는 쌓기나무 모양을 모두 고르면?

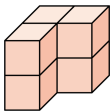
①



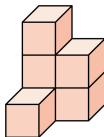
②



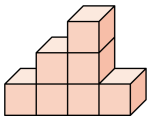
③



④

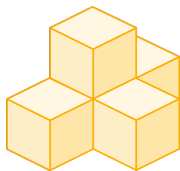


⑤

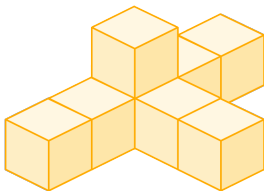


13. 다음 쌓기나무 모양을 보고, 쌓기나무 50 개로 쌓은 모양은 몇째 번에 올 모양입니까?

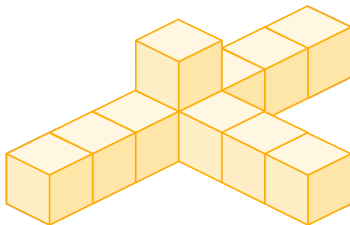
첫째



둘째



셋째



⋮

⋮

① 12째 번

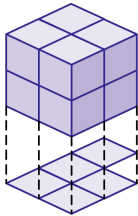
② 14째 번

③ 16째 번

④ 18째 번

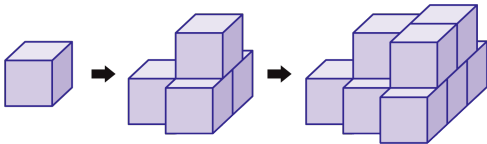
⑤ 20째 번

14. 다음 그림을 유지하고, 몇 개의 쌓기나무를 더 쌓아 가장 작은 정육면체로 만들려고 합니다. 몇 개의 쌓기나무가 더 필요 합니까?



- ① 8개 ② 10개 ③ 16개 ④ 18개 ⑤ 27개

15. 다음과 같은 규칙으로 쌓기나무를 쌓을 때, 아홉 번째의 쌓기나무 개수와 열 번째의 쌓기나무 개수와의 차는 어느 것입니까?



- ① 19개 ② 17개 ③ 15개 ④ 13개 ⑤ 11개