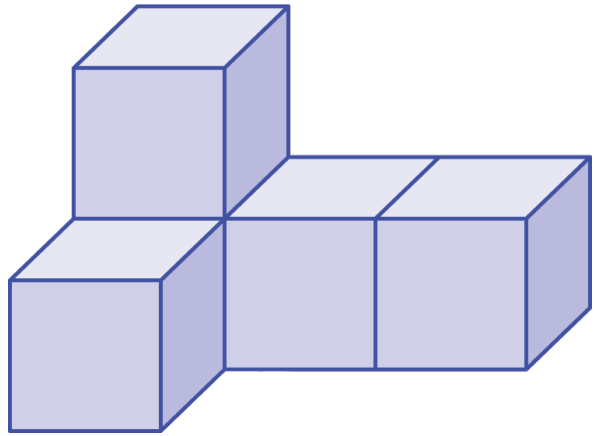
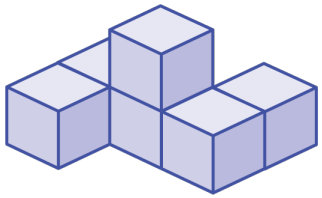
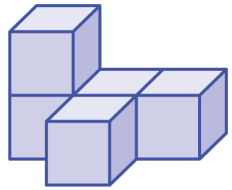
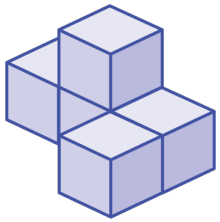
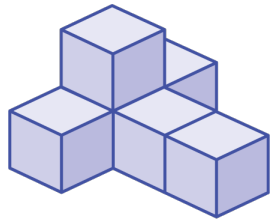
1. 다음 쌓기나무와 모양이 같은 것은 어느 것입니까?

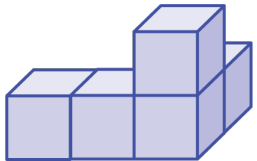


① 

② 

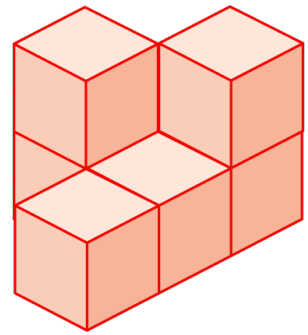
③ 

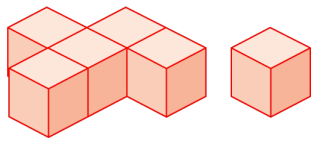
④ 

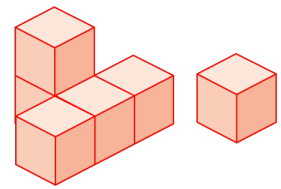
⑤ 

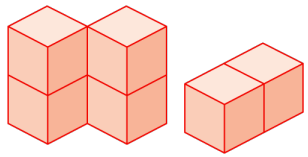
2. 두 부분을 합쳤을 때,<보기>와 같은 모양이 아닌 것은 어느 것입니까?

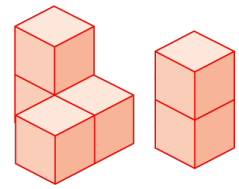
보기

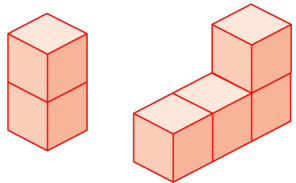


① 

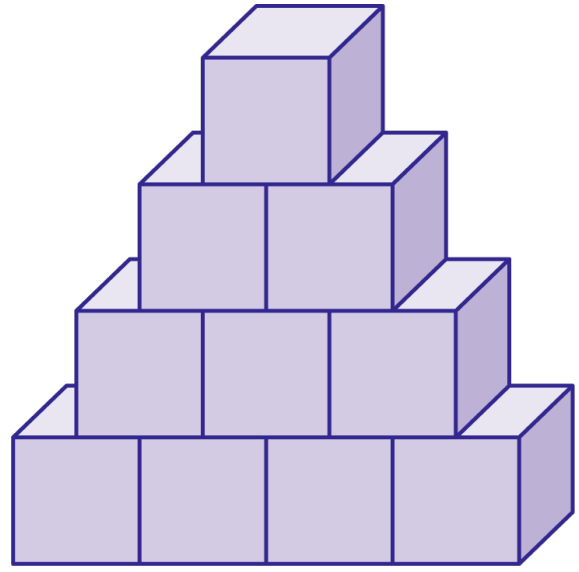
② 

③ 

④ 

⑤ 

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



① 아래로 내려갈수록 1 개씩 늘어납니다.

② 위로 올라갈수록 1 개씩 줄어듭니다.

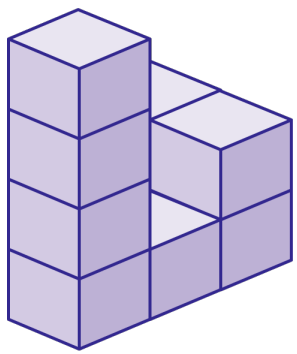
③ 각층끼리 엇갈리게 쌓았습니다.

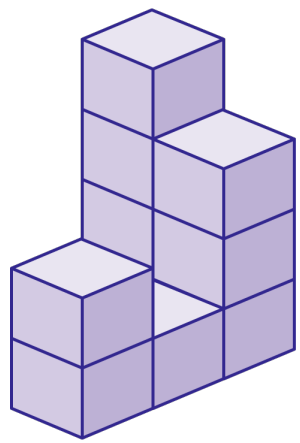
④ 위로 올라갈수록 2 개씩 줄어듭니다.

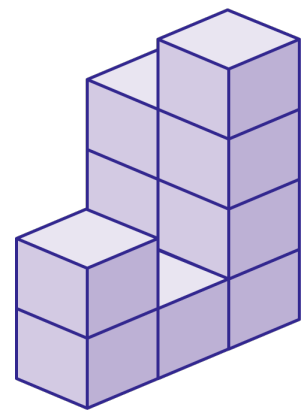
⑤ 층마다 쌓기나무 개수가 다릅니다.

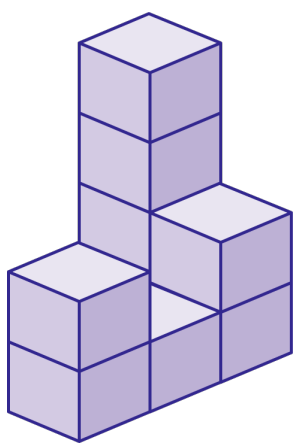
4. 다음 바탕 그림 위에 [ ] 안에 있는 수만큼 쌓기나무를 쌓으면 어떤 모양이 되겠는지 고르시오.

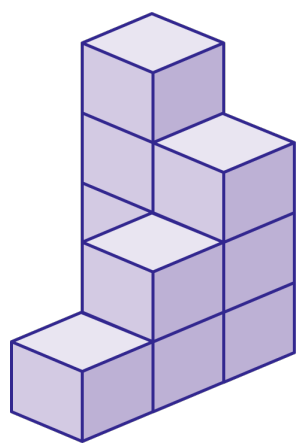
4	3
	1
	2

① 

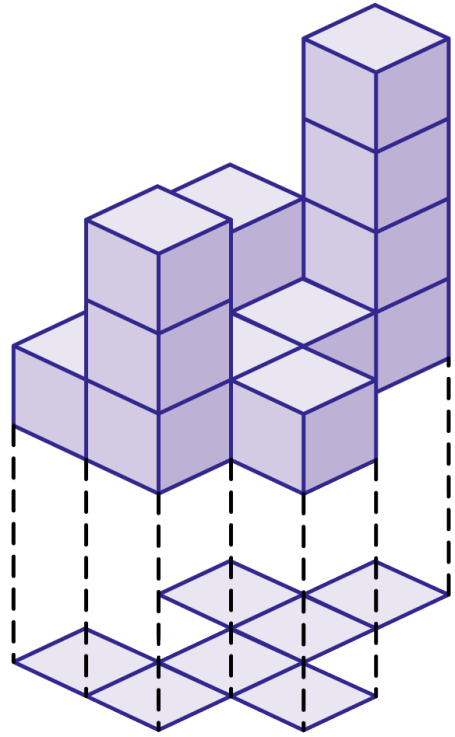
② 

③ 

④ 

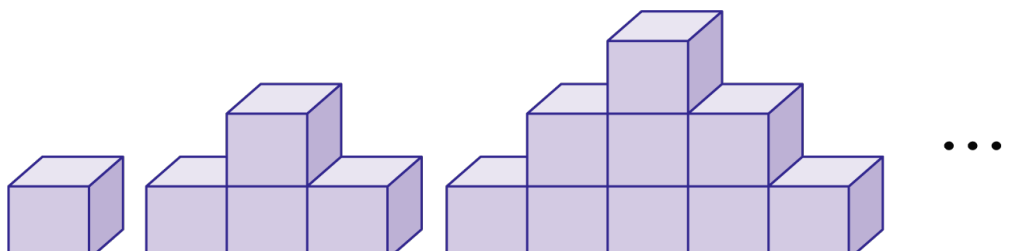
⑤ 

5. 쌓기나무 20 개로 아래 모양을 쌓으면 몇 개가 남습니까?



답: _____ 개

6. 규칙에 따라 다섯째 번에 올 모양을 만들기 위해서 쌓기나무가 몇 개 필요한지 구하시오.



답: _____ 개

7. 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.)

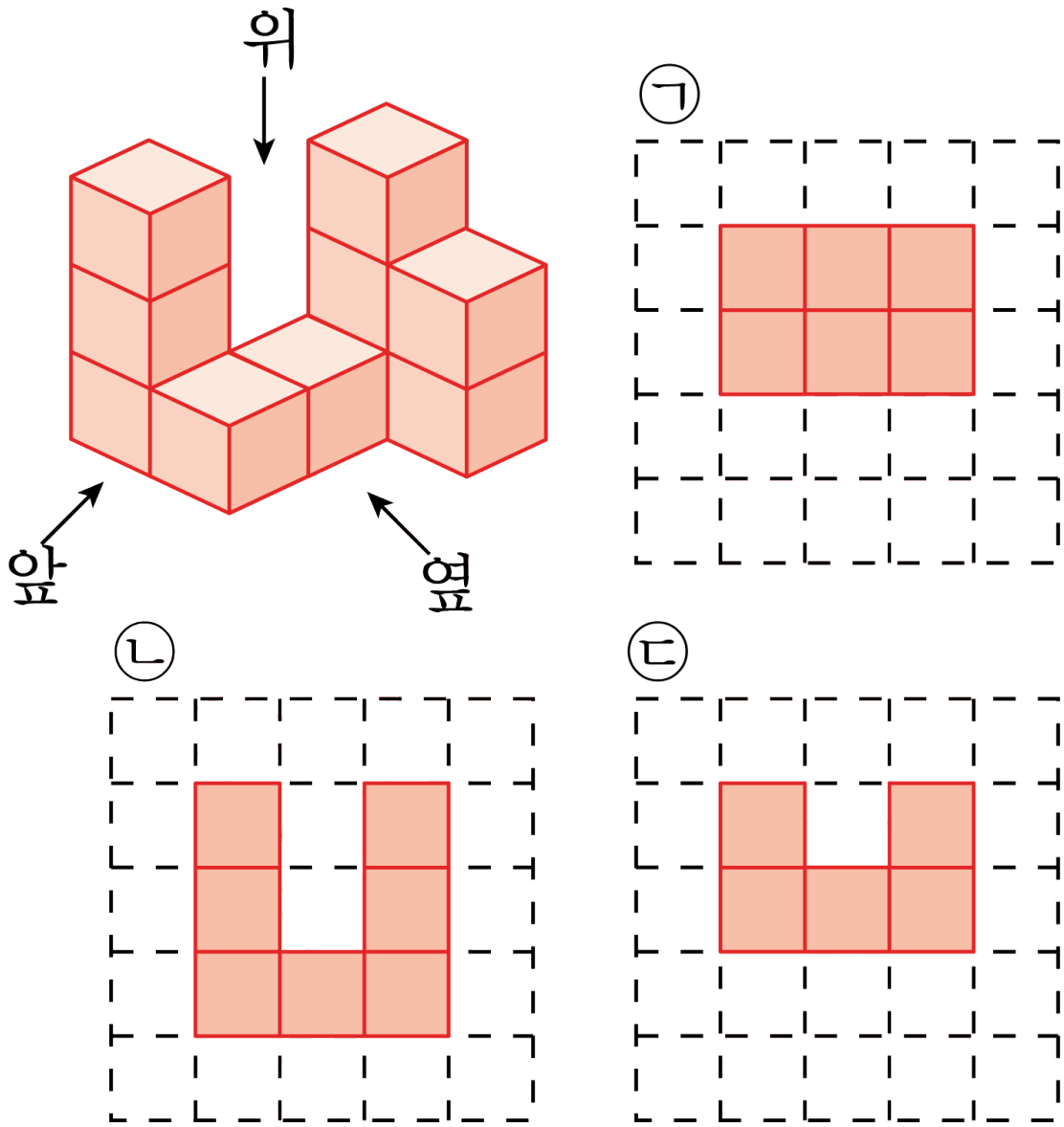
① 216 개 ② 125 개 ③ 64 개

④ 81 개 ⑤ 27 개

8. 가로, 세로, 높이가 각각 5 cm, 12 cm, 14 cm 인 쌓기나무가 여러 개 있습니다. 이 쌓기나무를 빈틈없이 쌓아올려 가장 작은 정육면체를 만들려면 몇 개의 쌓기나무가 필요합니까?

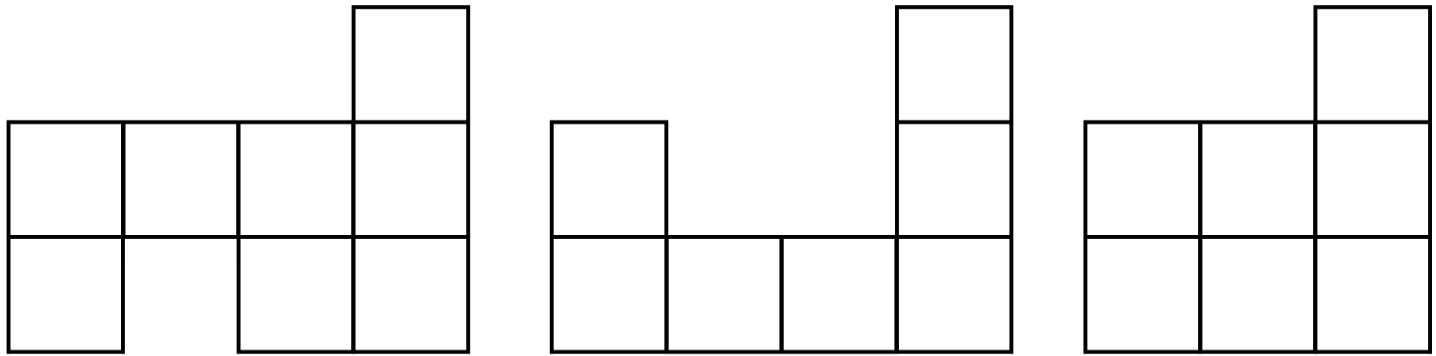
답: _____ 개

9. 다음 모양에서 3층의 쌓기나무를 뺀 나머지를 옆에서 본 모양은 어느 것입니까?



답: _____

10. 위, 앞, 옆에서 본 모양이 각각 다음과 같은 모양이 되도록 만들 때, 쌓기나무는 최소 몇 개가 필요합니까?



답: _____ 개