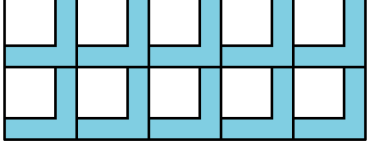


1. 다음 무늬는 어떤 모양을 밀기 방법을 이용하여 만든 것입니까?



①



②



③



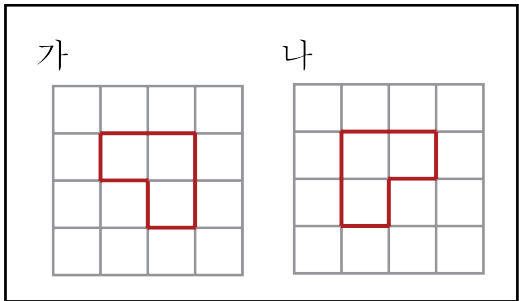
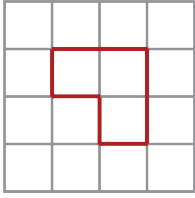
④



⑤

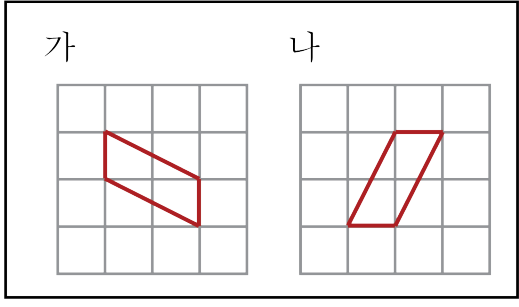
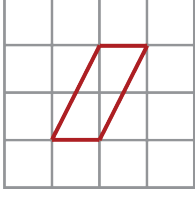


2. 다음 도형을 위쪽으로 밀었을 때의 도형을 가, 나 중 고르시오.



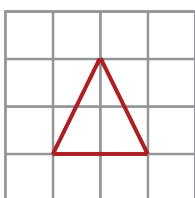
 답: _____

3. 도형을 시계 방향으로 180°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

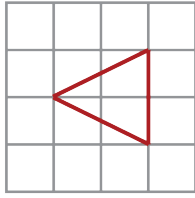


 답: _____

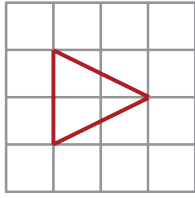
4. 도형을 시계 반대 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

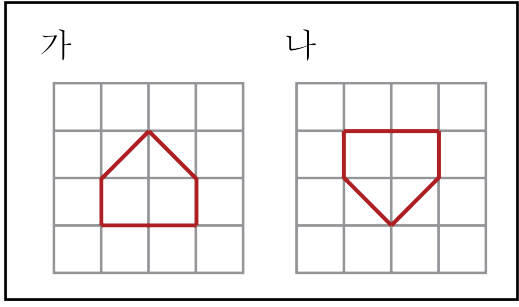
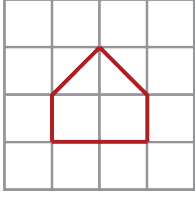


나



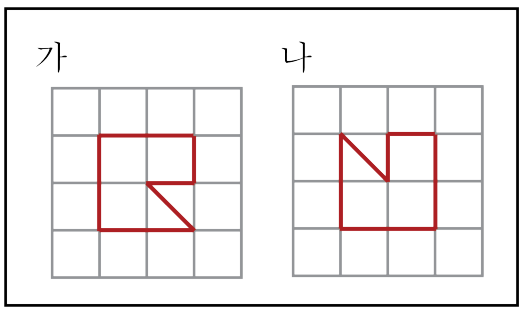
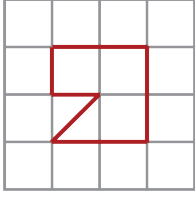
 답: _____

5. 도형을 시계 반대 방향으로 180° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



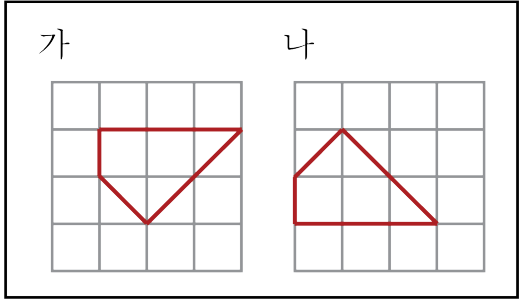
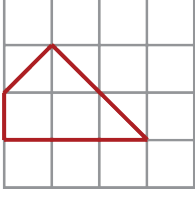
 답: _____

6. 도형을 시계 반대 방향으로 270° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



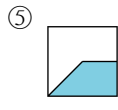
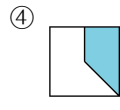
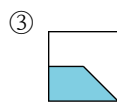
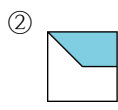
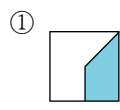
 답: _____

7. 도형을 시계 반대 방향으로 360°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

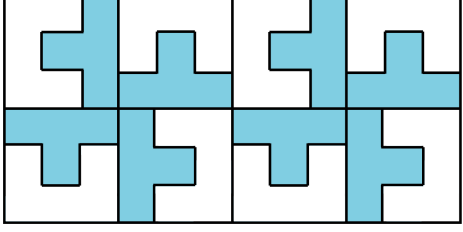


 답: _____

8. 다음 모양을 돌리기 하여 나올 수 있는 모양이 아닌 것을 모두 고르시오.



10. 다음 무늬는 어떤 모양을 돌리기 한 것입니까?



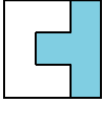
①



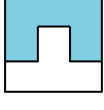
②



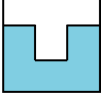
③



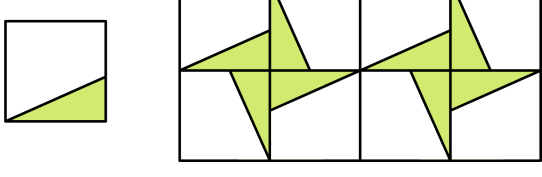
④



⑤

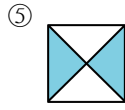
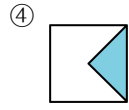
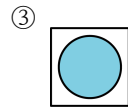
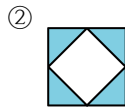
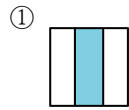


11. 다음 무늬 만들기에서 사용한 모든 방법을 고르시오.

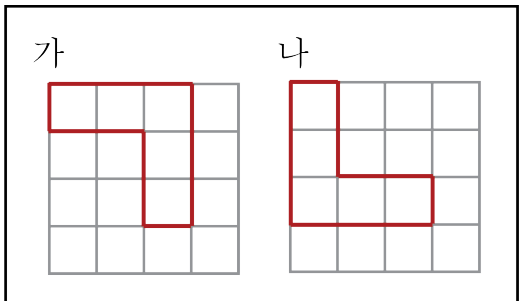
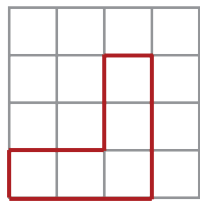


- ① 밀기
- ② 밀기, 뒤집기
- ③ 뒤집기, 돌리기
- ④ 뒤집기
- ⑤ 밀기, 돌리기

12. 다음 중 뒤집기 한 모양과 밀기 한 모양이 다르게 될 수 있는 것을 고르시오.

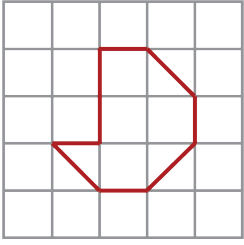


13. 다음 도형을 위쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.

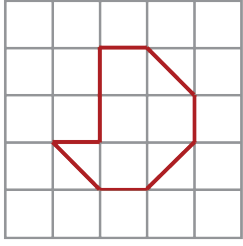


 답: _____

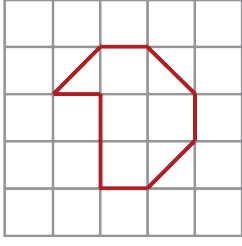
14. 다음 도형을 오른쪽으로 3번 뒤집었을 때의 도형을 고르시오.



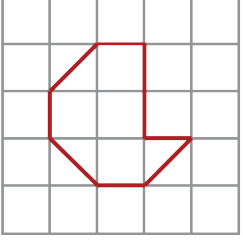
㉠



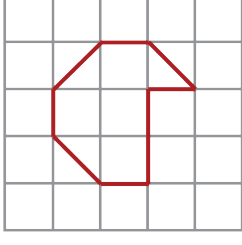
㉡



㉢

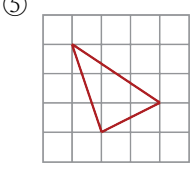
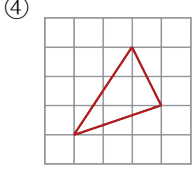
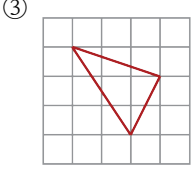
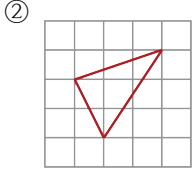
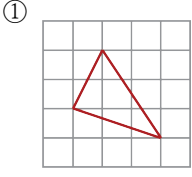
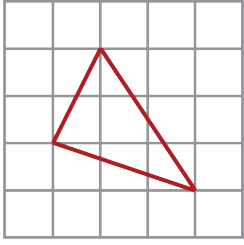


㉣



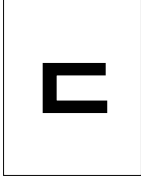
▶ 답: _____

15. 다음 도형을 위쪽으로 6번 뒤집었을 때의 도형은 어느 것입니까?

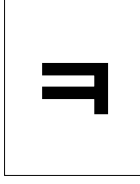


16. 시계 방향으로 180°만큼 돌렸을 때의 모양이 같은 것은 어느 것입니까?

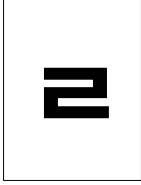
①



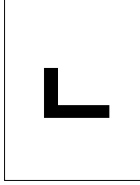
②



③



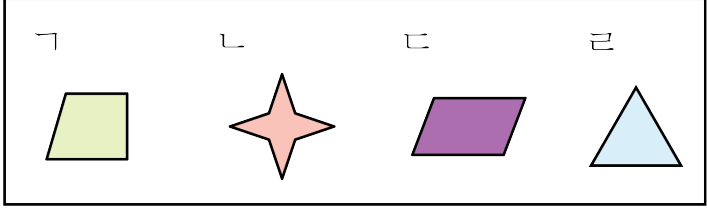
④



⑤



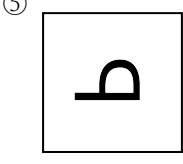
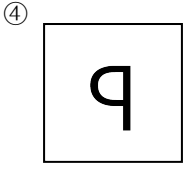
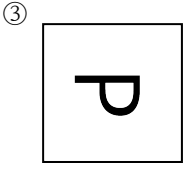
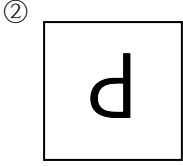
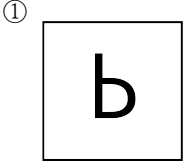
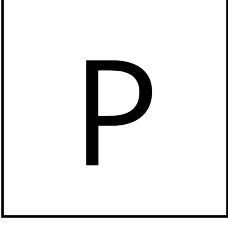
17. 다음에서 도형을 시계 반대 방향으로 180°만큼 돌렸을 때의 도형이 처음 도형과 같은 것을 모두 고르시오.



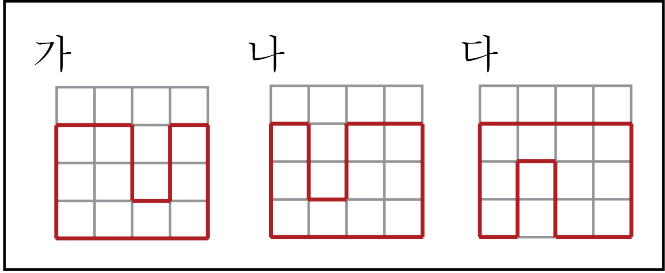
☐ 답: _____

☐ 답: _____

18. 알파벳 P를 시계 방향으로 180°만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



19. 다음 도형에 대한 설명으로 옳지 않은 것은 어느 것입니까?



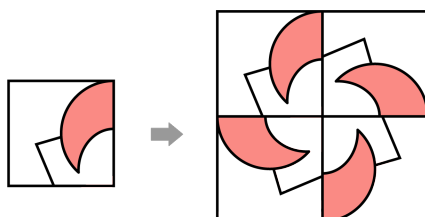
- ① 가 도형은 나 도형을 왼쪽으로 뒤집은 도형입니다.
- ② 가 도형은 다 도형을 시계 방향으로 180°만큼 돌린 도형입니다.
- ③ 나 도형은 가 도형을 오른쪽으로 뒤집은 도형입니다.
- ④ 나 도형은 다 도형을 왼쪽으로 뒤집고 시계 반대 방향으로 180°만큼 돌린 도형입니다.
- ⑤ 다 도형은 가 도형을 아래쪽으로 뒤집은 도형입니다.

20. 다음 알파벳 중에서 180°로 돌리기 하여 처음과 같은 모양을 얻을 수 있는 알파벳은 모두 몇 개입니까?

A	B	E	G	H
I	K	L	M	N
O	P	S	T	U

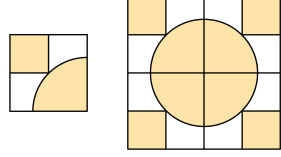
 답: _____ 개

- 21.** 오른쪽의 무늬는 왼쪽의 모양을 한 가지 방법으로 움직여서 만든 무늬입니다. 어떻게 움직여서 만든 것입니까?



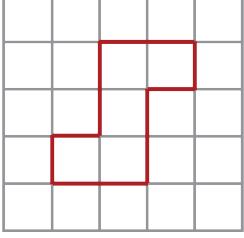
- ① 밀기 ② 뒤집기 ③ 돌리기
④ 밀고 뒤집기 ⑤ 뒤집고 돌리기

22. 왼쪽 무늬를 움직여서 오른쪽 무늬를 만들 수 있는 방법을 모두 나열한 것은 어느 것입니까?



- | | |
|------------|-----------|
| ① 밀기 | ② 돌리기 |
| ③ 뒤집기 | ④ 밀기, 돌리기 |
| ⑤ 돌리기, 뒤집기 | |

23. 다음 도형을 왼쪽으로 2번 뒤집었을 때의 도형을 고르시오.



㉠

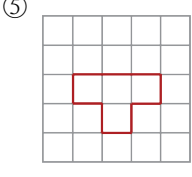
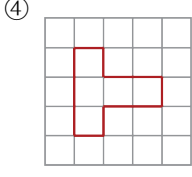
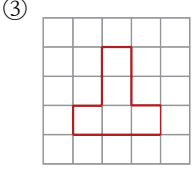
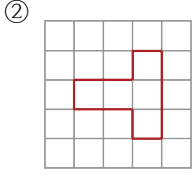
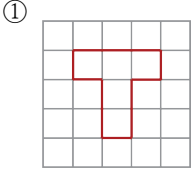
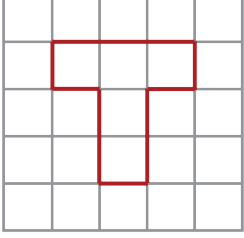
㉡

㉢

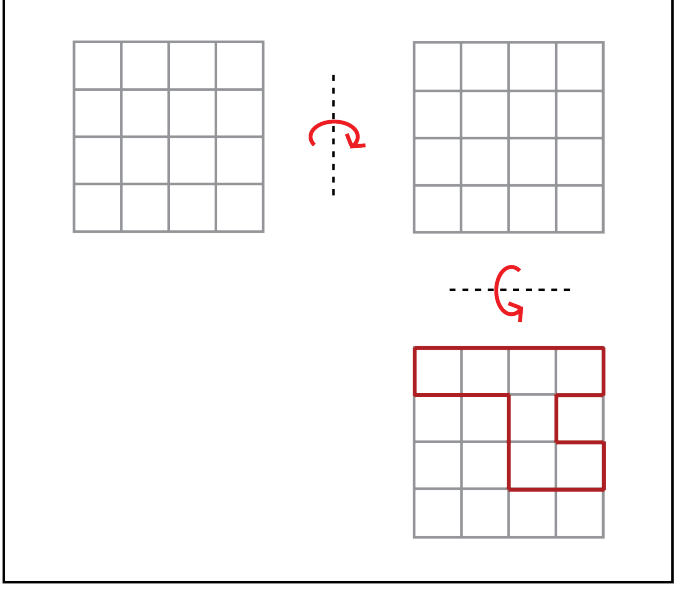
㉣

답: _____

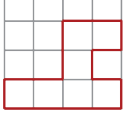
24. 다음 도형을 아래쪽으로 5번 뒤집었을 때의 도형은 어느 것입니까?



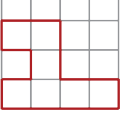
25. 다음과 같이 어떤 도형을 오른쪽으로 뒤집은 다음 다시 아래쪽으로 뒤집었습니다. 원래의 모양은 어느 것입니까?



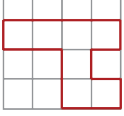
①



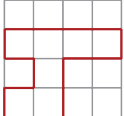
②



③



④



⑤

