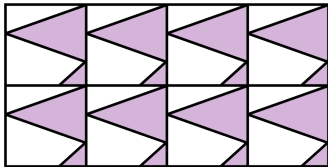


1. 다음 무늬를 꾸밀 때 가장 알맞은 방법은 어느 것입니까?



① 돌리기

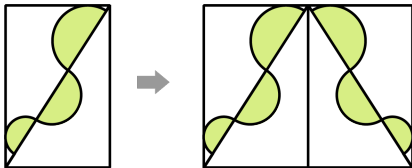
② 밀기

③ 뒤집기

④ 자르기

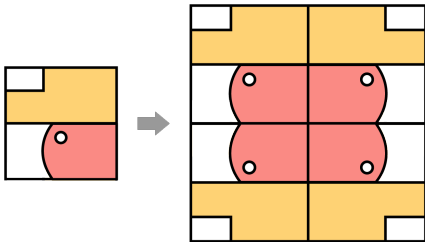
⑤ 접기

2. 왼쪽 모양을 어떻게 하여 이어 붙이면 오른쪽 무늬가 되겠는지 구하십시오.



답: _____

3. 다음 무늬는 기본 모양을 어떻게 움직여서 만든 것인지 써보시오.

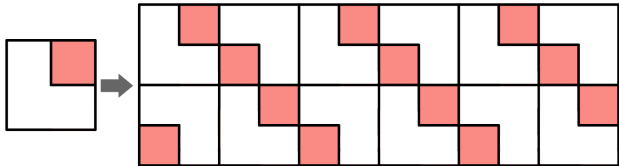


답: _____

4. 선풍기의 날개 부분의 모양을 만드는 방법으로 가장 알맞은 것은 어느 것인지 고르시오.

- | | | |
|-----------|----------|-----------|
| ① 겹치고 뒤틀기 | ② 뒤집고 밀기 | ③ 뒤집고 돌리기 |
| ④ 돌리기 | ⑤ 밀기 | |

5. 왼쪽의 모양을 이용하여 무늬를 만들었습니다. 다음 중 이용하지 않은 방법은 어느 것입니까?



① 밀기

② 뒤집기

③ 돌리기

④ 뒤틀기

⑤ 자르기

6. 다음은 각각의 모양을 같은 규칙으로 움직여서 새로운 무늬를 만든 것입니다. 규칙이 다른 하나는 어느 것인지 고르시오.

①



②



③



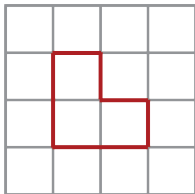
④



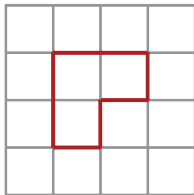
⑤



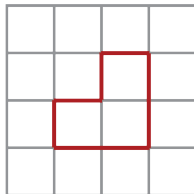
7. 도형을 시계 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

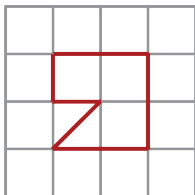


나

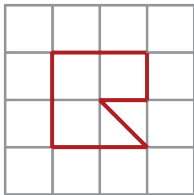


답: _____

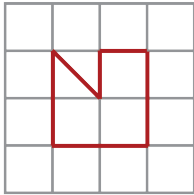
8. 도형을 시계 반대 방향으로 270° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

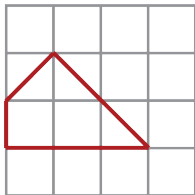


나

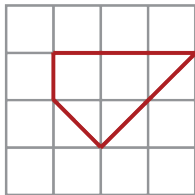


답:

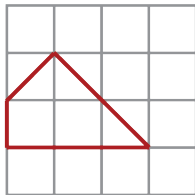
9. 도형을 시계 반대 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

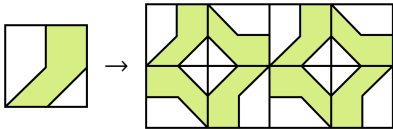


나



답:

10. 다음 무늬는 아래 모양을 어떻게 움직여서 만든 것인지 모두 쓰시오.

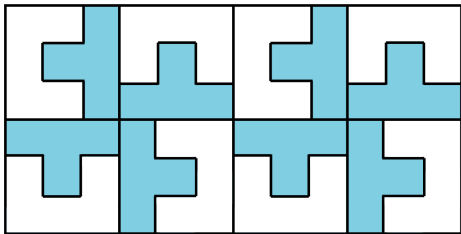


답: _____



답: _____

11. 다음 무늬는 어떤 모양을 돌리기 한 것입니까?



①



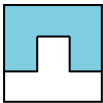
②



③



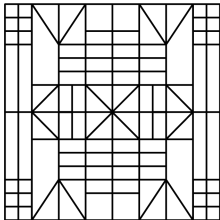
④



⑤

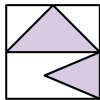


12. 다음 무늬를 움직여서 처음 무늬와 같도록 만들려고 합니다. 움직이는 방법으로 알맞은 것을 모두 고르시오.(답 3개)

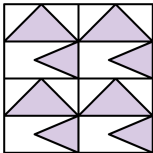


- ① 위로 뒤집기
- ② 왼쪽으로 뒤집기
- ③ 180°로 돌리기
- ④ 90°로 돌리기
- ⑤ 밀기

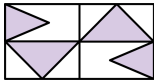
13. 다음 모양을 밀기, 뒤집기, 돌리기를 하여 이어 붙여서 무늬를 만들 때, 만들 수 없는 무늬는 어느 것입니까?



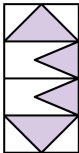
①



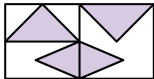
②



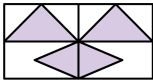
③



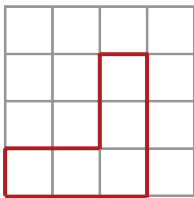
④



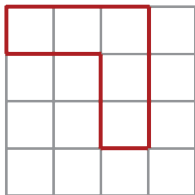
⑤



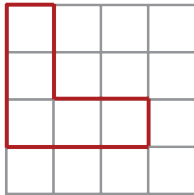
14. 다음 도형을 위쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가

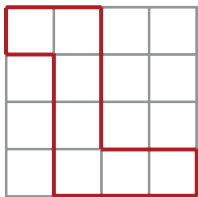


나

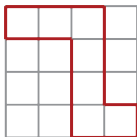


답:

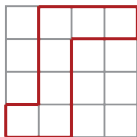
15. 도형을 위쪽으로 2번 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



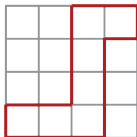
①



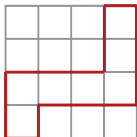
②



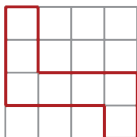
③



④



⑤



16. 다음 무늬 중 180°돌리기 하여 처음과 똑같은 무늬를 얻을 수 없는 것은 어느 것인지 고르시오.

①



②



③



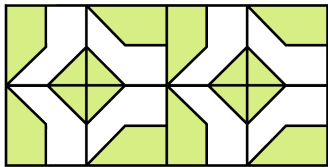
④



⑤



17. 다음 무늬는 아래 모양을 어떻게 움직여서 만든 것인지 구하시오.(방법을 모두 쓰시오.)



답: _____

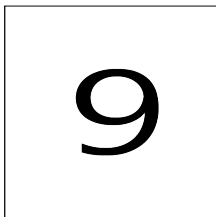


답: _____



답: _____

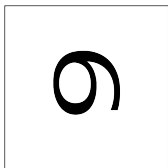
18. 다음 숫자 카드를 아래로 밀었을 때의 모양은 어느 것입니까?



①



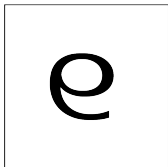
②



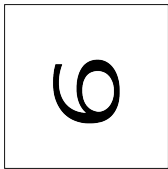
③



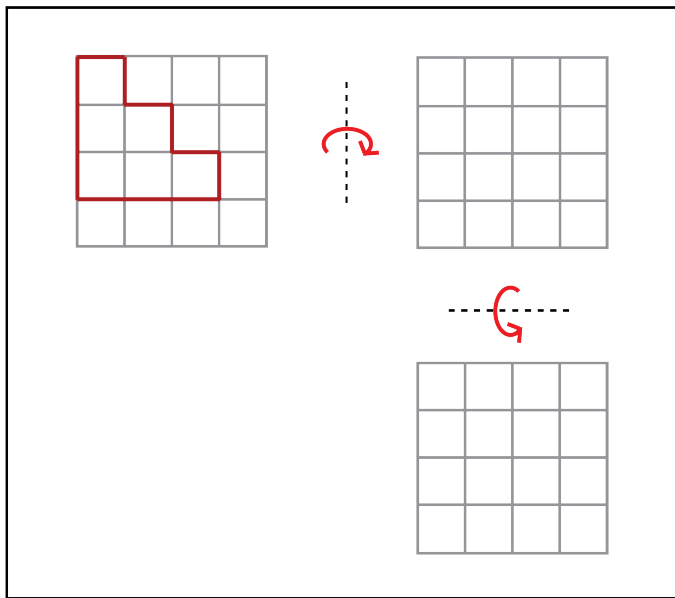
④



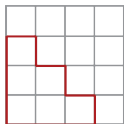
⑤



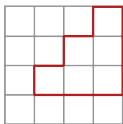
19. 도형을 오른쪽으로 뒤집은 다음 다시 아래쪽으로 뒤집었을 때의 모양은 어느 것입니까?



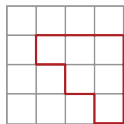
①



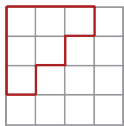
②



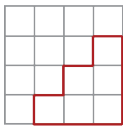
③



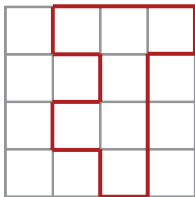
④



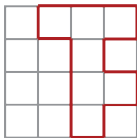
⑤



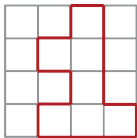
20. 도형을 아래쪽으로 뒤집고 시계 반대 방향으로 270°만큼 돌렸을 때의 도형은 어느 것입니까?



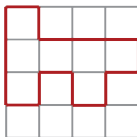
①



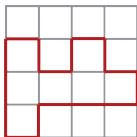
②



③



④



⑤

