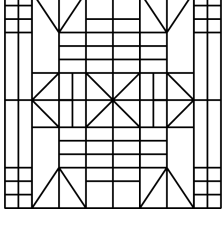


1. 다음 무늬를 움직여서 처음 무늬와 같도록 만들려고 합니다. 움직이는 방법으로 알맞은 것을 모두 고르시오.(답 3개)

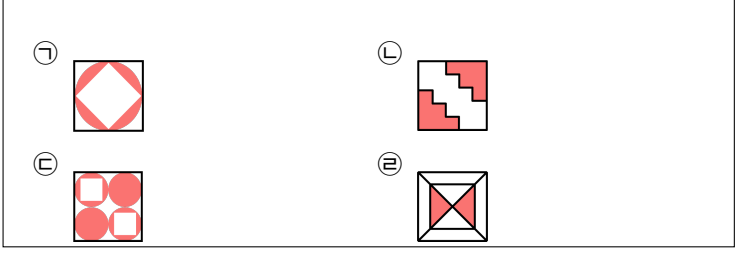


- ① 위로 뒤집기

② 왼쪽으로 뒤집기
- ③ 180°로 돌리기

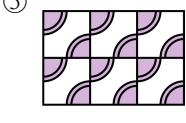
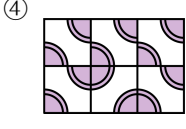
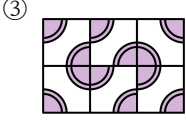
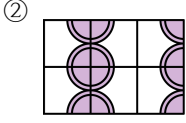
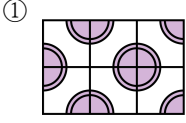
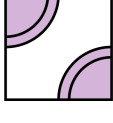
④ 90°로 돌리기
- ⑤ 밀기

2. 다음 모양 중에서 뒤집기를 하여 만든 무늬와 오른쪽으로 90° 돌리기를 하여 만든 무늬가 같은 모양이 아닌 것은 어느 것인지 고르시오.

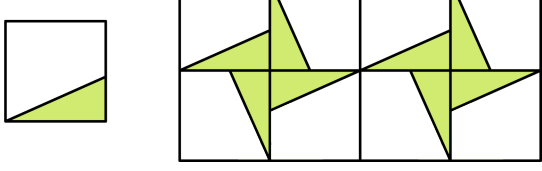


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3. 다음 모양을 이어 붙여서 만들 수 없는 무늬는 어느 것입니까?

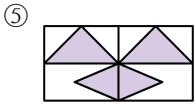
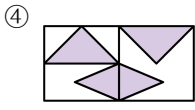
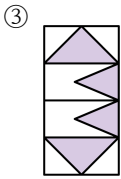
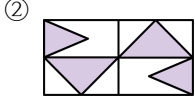
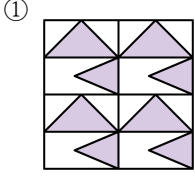
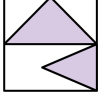


4. 다음 무늬 만들기에서 사용한 모든 방법을 고르시오.

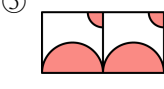
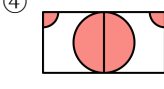
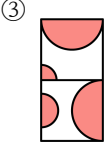
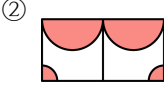
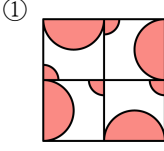
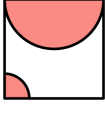


- ① 밀기
- ② 밀기, 뒤집기
- ③ 뒤집기, 돌리기
- ④ 뒤집기
- ⑤ 밀기, 돌리기

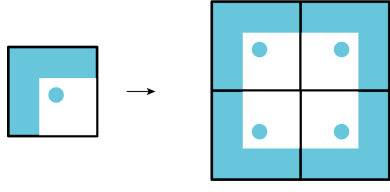
5. 다음 모양을 밀기, 뒤집기, 돌리기를 하여 이어 붙여서
무늬를 만들 때, 만들 수 없는 무늬는 어느 것입니까?



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



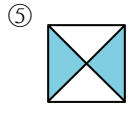
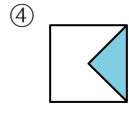
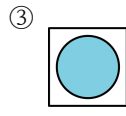
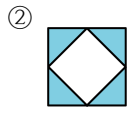
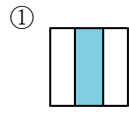
7. 왼쪽 모양을 움직여서 오른쪽 무늬를 만들 수 있는 방법을 모두 쓰시오.



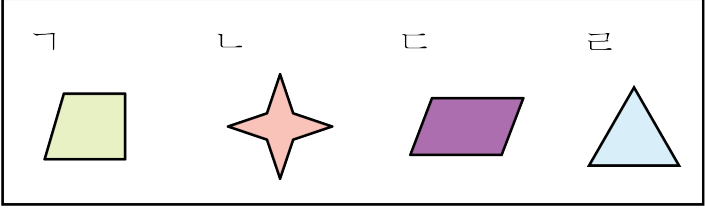
 답: _____

 답: _____

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



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

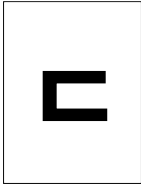


☐ 답: _____

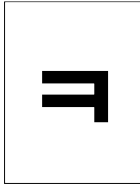
☐ 답: _____

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

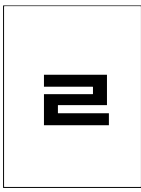
①



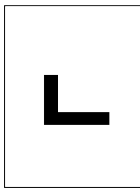
②



③



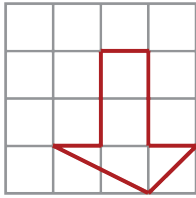
④



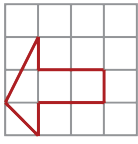
⑤



11. 어떤 도형을 시계 방향으로 90° 만큼 돌린 도형이 다음과 같았을 때, 도형의 처음 모양은 어느 것입니까?



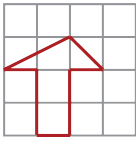
①



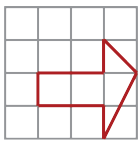
②



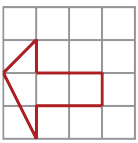
③



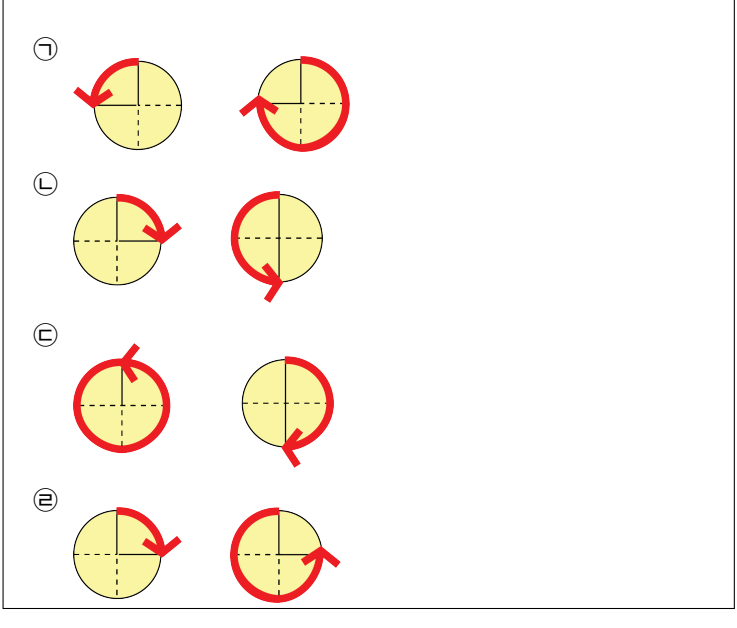
④



⑤



12. 다음에서 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것을 모두 고르시오.



답: _____

답: _____