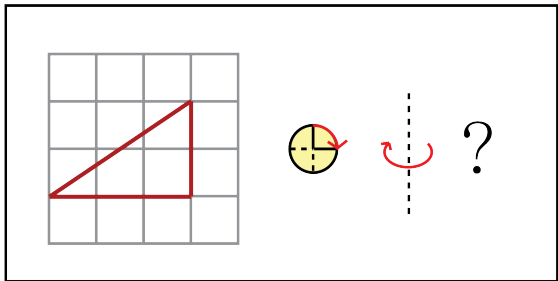
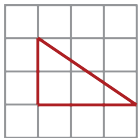


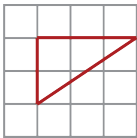
1. 도형을 시계 방향으로 90° 만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



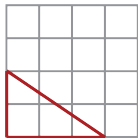
①



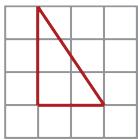
②



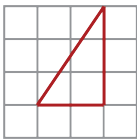
③



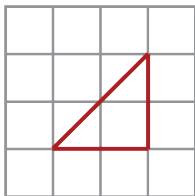
④



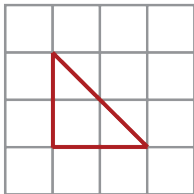
⑤



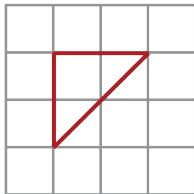
2. 다음 도형을 왼쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가

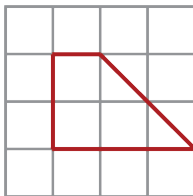


나

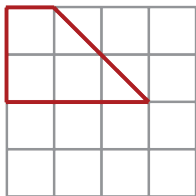


답:

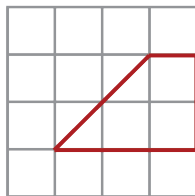
3. 다음 도형을 오른쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가

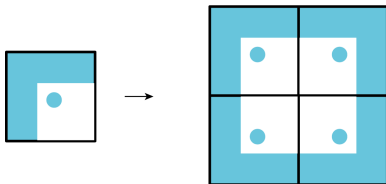


나



답:

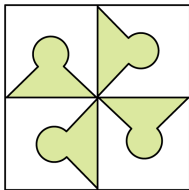
4. 왼쪽 모양을 움직여서 오른쪽 무늬를 만들 수 있는 방법을 모두 쓰시오.



> 답: _____

> 답: _____

5. 다음 무늬는 어떤 한 가지 모양을 이어 붙여 만든 것입니다. 다음 중에서 어떤 규칙을 사용한 것입니까?



① 밀기

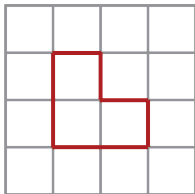
② 뒤집기

③ 돌리기

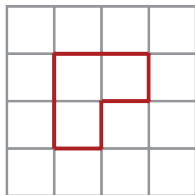
④ 밀고 뒤집기

⑤ 뒤집고 돌리기

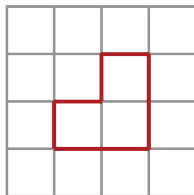
6. 도형을 시계 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

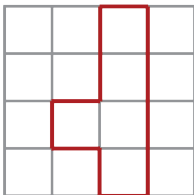


나

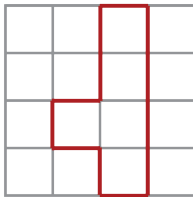


답: _____

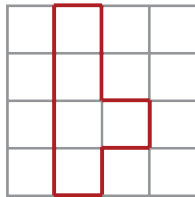
7. 도형을 시계 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

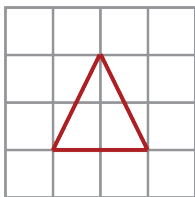


나

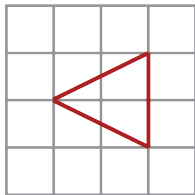


답:

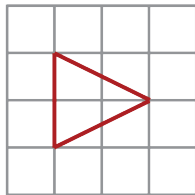
8. 도형을 시계 반대 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

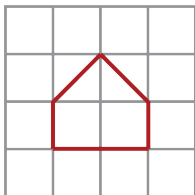


나

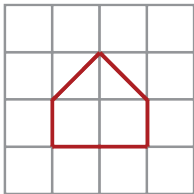


답: _____

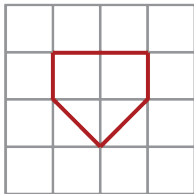
9. 도형을 시계 반대 방향으로 180° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가



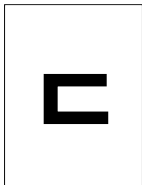
나



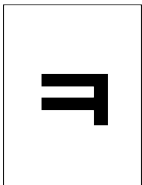
답: _____

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

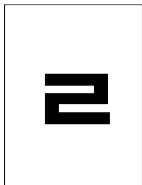
①



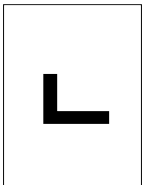
②



③



④

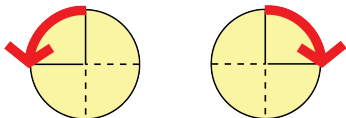


⑤

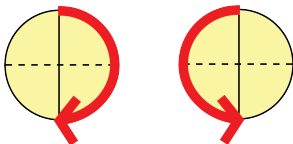


11. 다음 중 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것은 어느 것입니까?

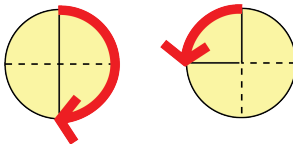
①



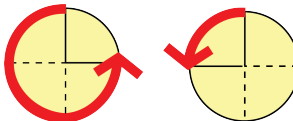
②



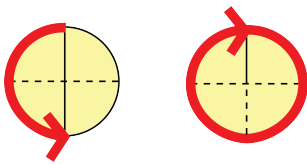
③



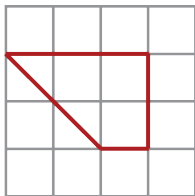
④



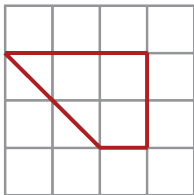
⑤



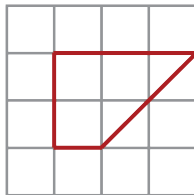
12. 다음 도형을 오른쪽으로 밀었을 때의 도형을 가, 나 중 고르시오.



가

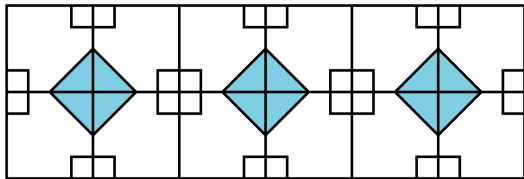


나



답: _____

13. 다음 무늬는 어떤 모양을 사용하여 만든 것입니까?



①



②



③



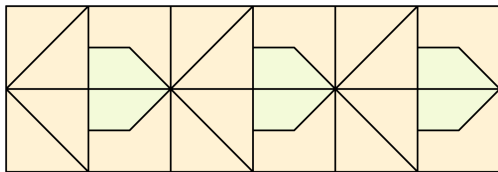
④



⑤



14. 두 가지 모양을 두 가지 방법으로만 움직여서 다음 무늬를 만들었습니다. 어떻게 움직여서 만든 것입니까?



① 밀기와 돌리기

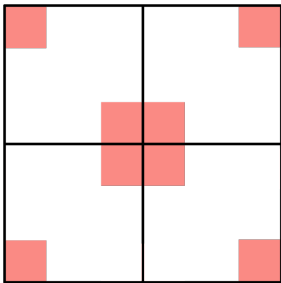
② 밀기와 뒤집기

③ 뒤집기와 돌리기

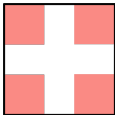
④ 뒤집기

⑤ 돌리기

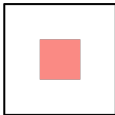
15. 다음 무늬는 어떤 도형을 돌려가며 만든 것입니까?



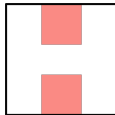
①



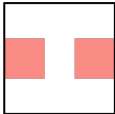
②



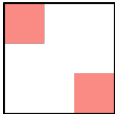
③



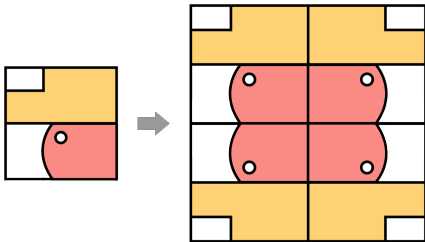
④



⑤

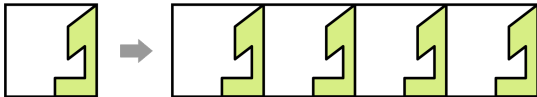


16. 다음 무늬는 기본 모양을 어떻게 움직여서 만든 것인지 써보시오.



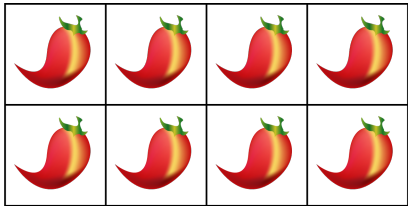
답: _____

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



답:

18. 다음 무늬는 어떤 방법을 이용하여 만든 것입니까?



① 뒤집기

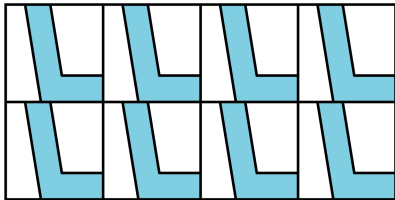
② 돌리기

③ 밀기

④ 겹치기

⑤ 뒤틀기

19. 다음 무늬는 모양을 어떻게 사용하여 만들었습니까?



① 뒤집기

② 돌리기

③ 밀기

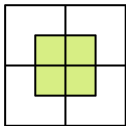
④ 뒤틀기

⑤ 뒤집고 돌리기

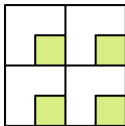
20. 다음 그림을 밀기하여 만든 무늬는 어느 것인지 고르시오.



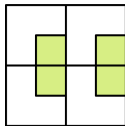
①



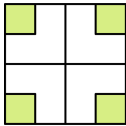
②



③



④



⑤

