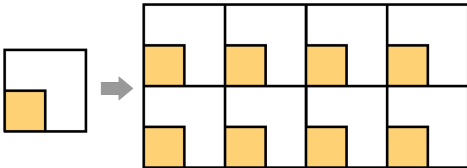
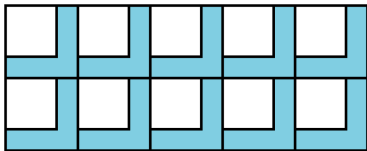


1. 다음 무늬는 주어진 모양을 어떻게 사용하여 만들었습니까?



답:

2. 다음 무늬는 어떤 모양을 밀기 방법을 이용하여 만든 것입니까?



①



②



③



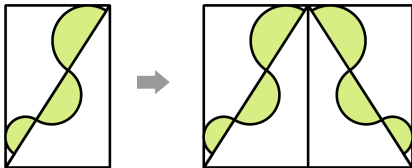
④



⑤

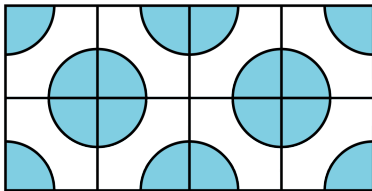


3. 왼쪽 모양을 어떻게 하여 이어 붙이면 오른쪽 무늬가 되겠는지 구하십시오.



답:

4. 다음 무늬는 주어진 모양을 어떻게 하여 만든 것인지 모두 쓰시오.

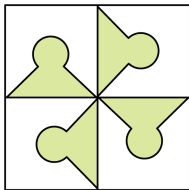


> 답: _____

> 답: _____

> 답: _____

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



① 밀기

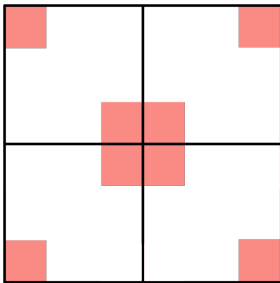
② 뒤집기

③ 돌리기

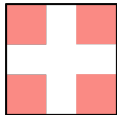
④ 밀고 뒤집기

⑤ 뒤집고 돌리기

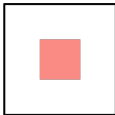
6. 다음 무늬는 어떤 도형을 돌려가며 만든 것입니까?



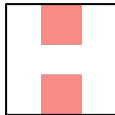
①



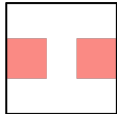
②



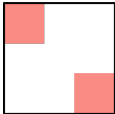
③



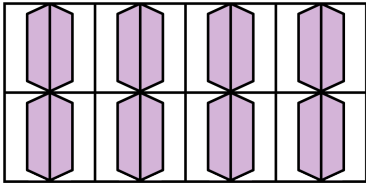
④



⑤



7. 다음 무늬는 어떤 모양을 어떻게 움직여서 만든 것입니까?

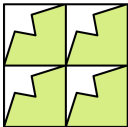


답:

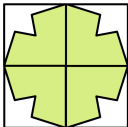
8. 다음 모양으로 만들 수 없는 무늬는 어느 것입니까?



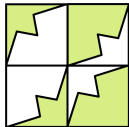
①



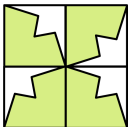
②



③



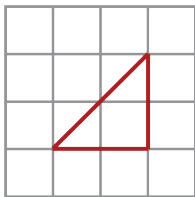
④



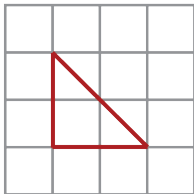
⑤



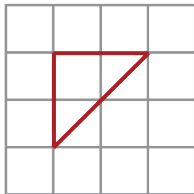
9. 다음 도형을 왼쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가

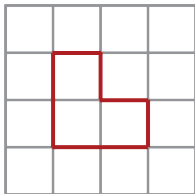


나

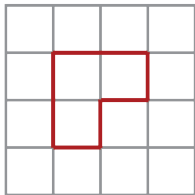


답:

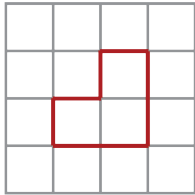
10. 도형을 시계 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

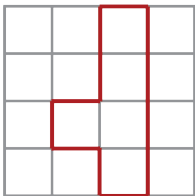


나

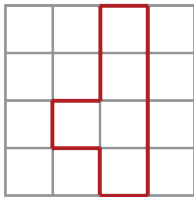


답: _____

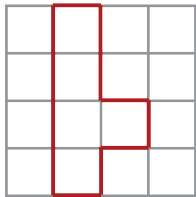
11. 도형을 시계 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

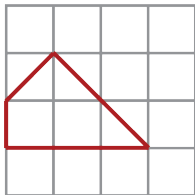


나

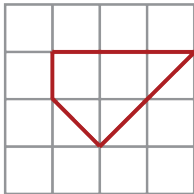


답:

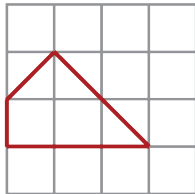
12. 도형을 시계 반대 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

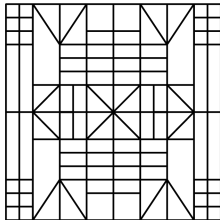


나



답: _____

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



① 위로 뒤집기

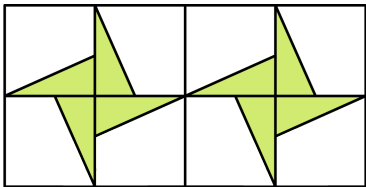
② 왼쪽으로 뒤집기

③ 180°로 돌리기

④ 90°로 돌리기

⑤ 밀기

14. 다음 무늬 만들기에서 사용한 모든 방법을 고르시오.



① 밀기

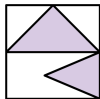
② 밀기, 뒤집기

③ 뒤집기, 돌리기

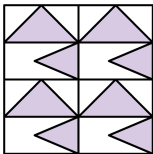
④ 뒤집기

⑤ 밀기, 돌리기

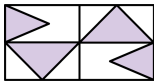
15. 다음 모양을 밀기, 뒤집기, 돌리기를 하여 이어 붙여서 무늬를 만들 때, 만들 수 없는 무늬는 어느 것입니까?



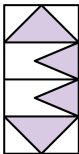
①



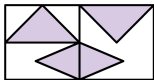
②



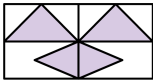
③



④



⑤



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

㉠



㉡



㉢



㉣

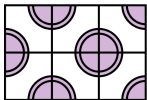


답: _____

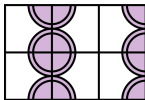
17. 다음 모양을 이어 붙여서 만들 수 없는 무늬는 어느 것입니까?



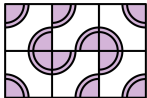
①



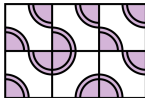
②



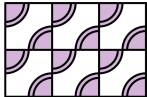
③



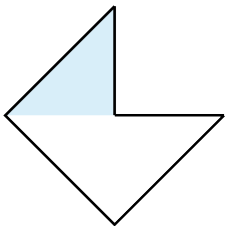
④



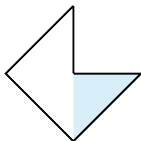
⑤



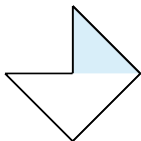
18. 다음 도형을 위쪽으로 밀었을 때의 도형은 어느 것입니까?



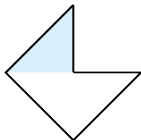
①



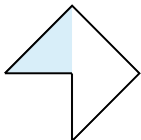
②



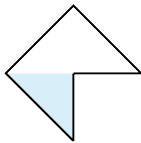
③



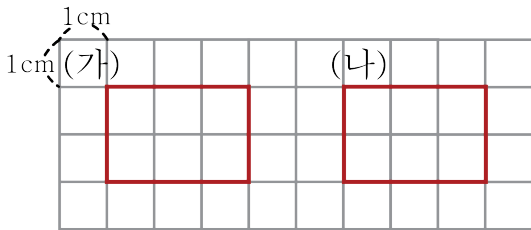
④



⑤

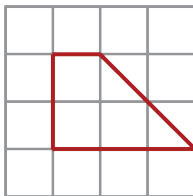


19. 다음 도형의 이동에 대한 설명으로 옳은 것은 어느 것입니까?

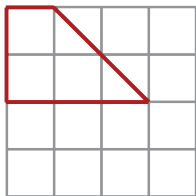


- ① (가) 도형은 (나) 도형을 왼쪽으로 2cm 밀었을 때의 모양입니다.
- ② (가) 도형은 (나) 도형을 오른쪽으로 5cm 밀었을 때의 모양입니다.
- ③ (나) 도형은 (가) 도형을 왼쪽으로 2cm 밀었을 때의 모양입니다.
- ④ (나) 도형은 (가) 도형을 오른쪽으로 5cm 밀었을 때의 모양입니다.
- ⑤ (나) 도형은 (가) 도형을 오른쪽으로 8cm 밀었을 때의 모양입니다.

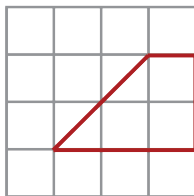
20. 다음 도형을 오른쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가

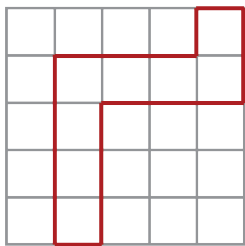


나

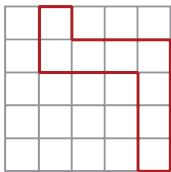


답: _____

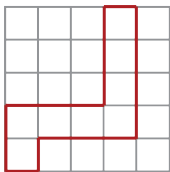
21. 도형을 왼쪽으로 6번 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



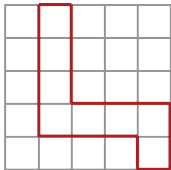
①



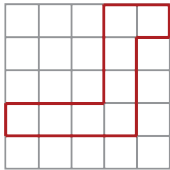
②



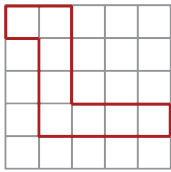
③



④



⑤

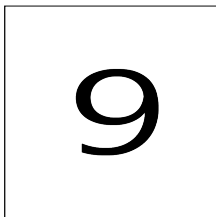


22. 다음 무늬들은 아래 모양을 어떻게 움직여서 만든 것인지 쓰시오.



답:

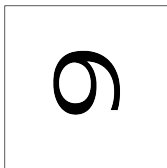
23. 다음 숫자 카드를 아래로 밀었을 때의 모양은 어느 것입니까?



①



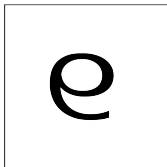
②



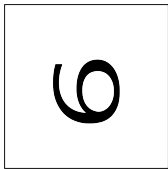
③



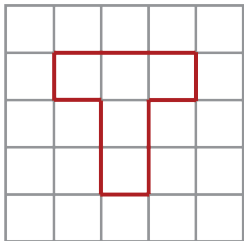
④



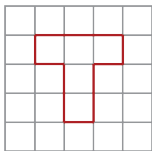
⑤



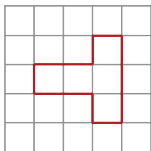
24. 다음 도형을 아래쪽으로 5번 뒤집었을 때의 도형은 어느 것입니까?



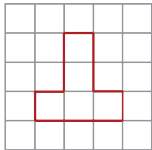
①



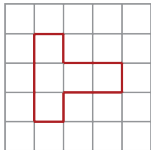
②



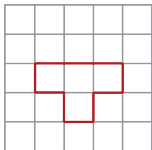
③



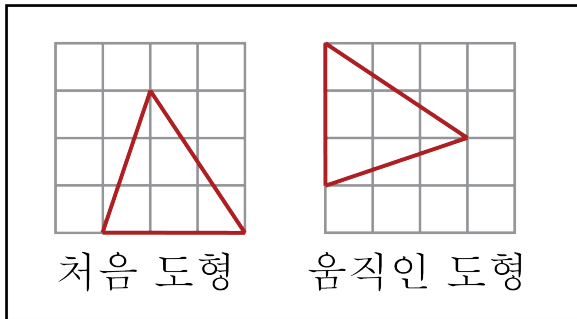
④



⑤



25. 다음 도형의 이동에 대한 설명을 보고 안에 알맞은 수를 써넣으시오.



처음 도형을 왼쪽으로 뒤집고 시계 방향으로 °돌리면 움직인 도형이 됩니다.



답: _____