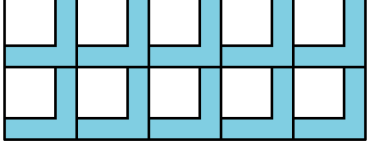


1. 다음 무늬는 어떤 모양을 밀기 방법을 이용하여 만든 것입니까?



①



②



③



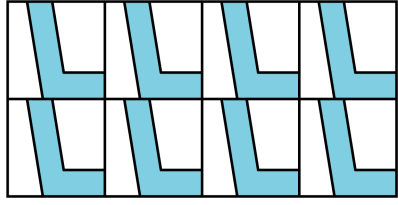
④



⑤

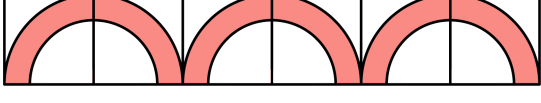


2. 다음 무늬는 모양을 어떻게 사용하였습니까?



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

3. 다음 무늬는 어떤 모양을 뒤집어 가며 이어 붙여서 만든 모양입니까?



①



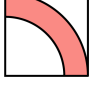
②



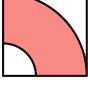
③



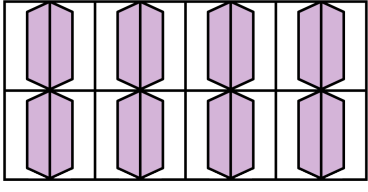
④



⑤

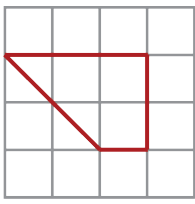


4. 다음 무늬는 어떤 모양을 어떻게 움직여서 만든 것입니까?



▶ 답: _____

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

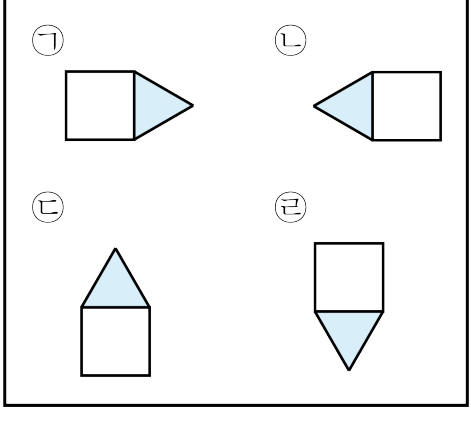
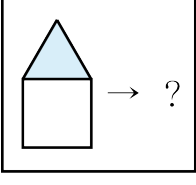


가

나

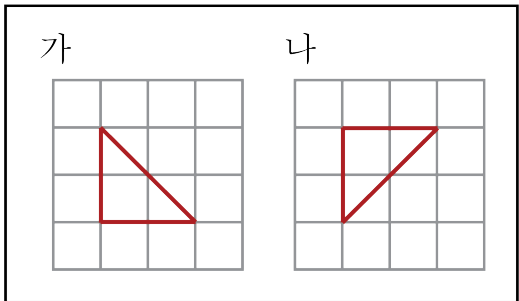
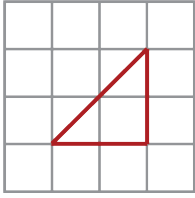
 답: _____

6. 다음 모양 조각을 오른쪽으로 밀었을 때의 모양을 찾아 기호를 쓰시오.



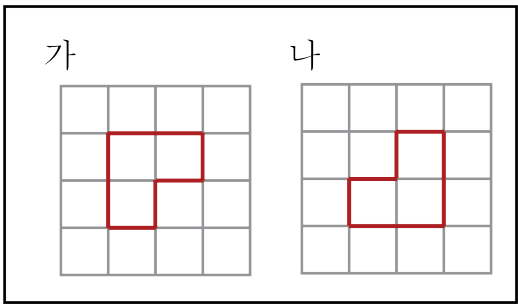
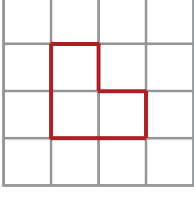
 답: _____

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



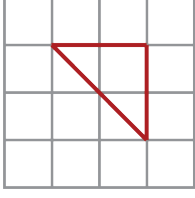
 답: _____

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



 답: _____

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

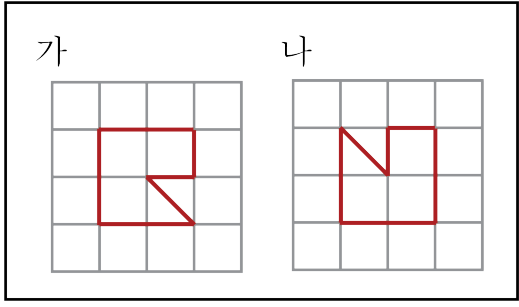
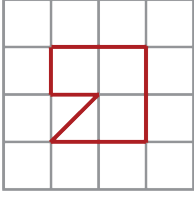


가

나

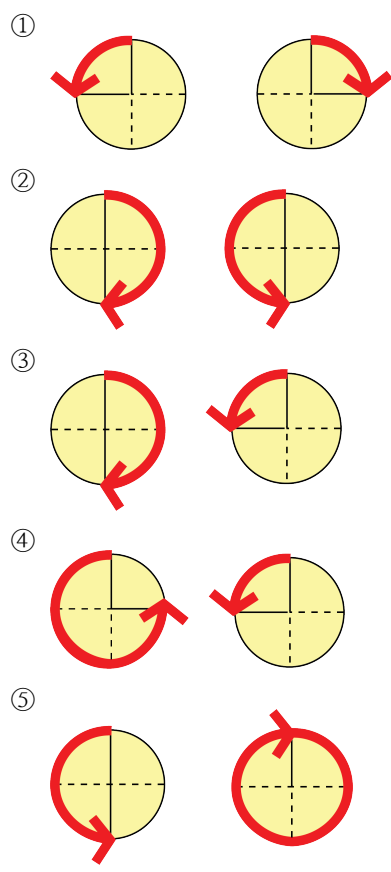
 답: _____

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

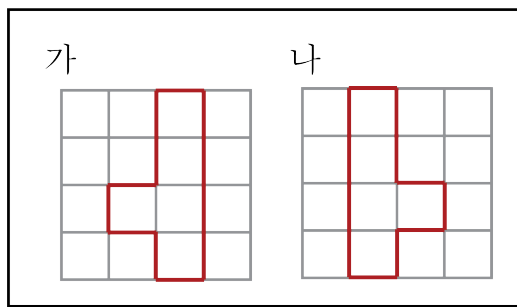
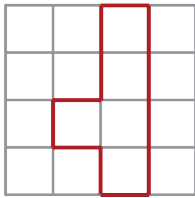


 답: _____

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

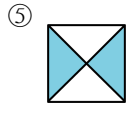
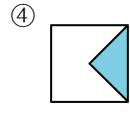
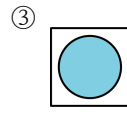
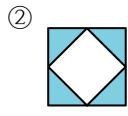
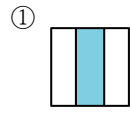


12. 도형을 시계 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

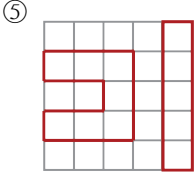
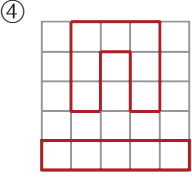
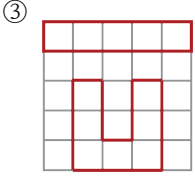
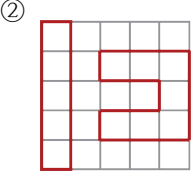
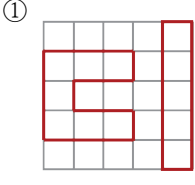
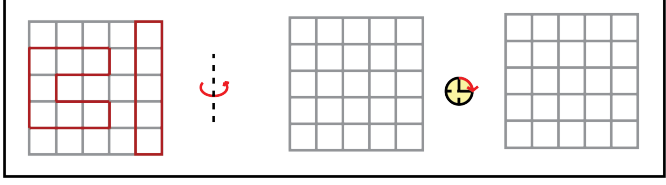


 답: _____

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



14. 도형을 오른쪽으로 뒤집고 시계 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?

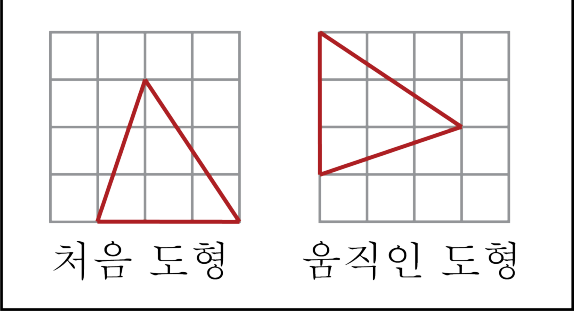


15. 뒤집기하여 처음과 같은 모양을 얻을 수 없는 알파벳은 모두 몇 개입니까?

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

 답: _____ 개

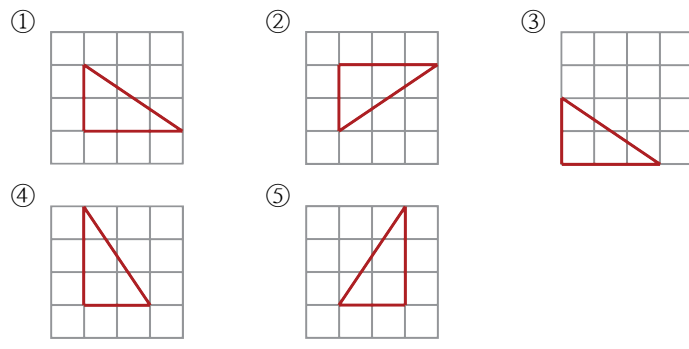
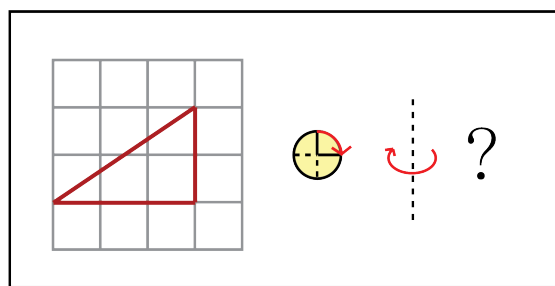
16. 다음 도형의 이동에 대한 설명을 보고 안에 알맞은 수를 써넣으시오.



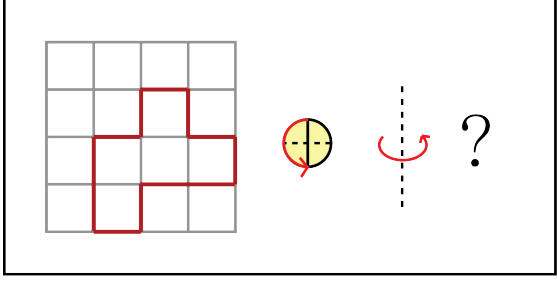
처음 도형을 왼쪽으로 뒤집고 시계 방향으로 °돌리면 움직인 도형이 됩니다.

답:

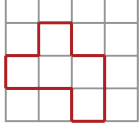
17. 도형을 시계 방향으로 90° 만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



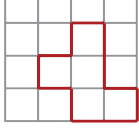
18. 도형을 시계 반대 방향으로 180°만큼 돌리고 오른쪽으로 뒤집었을 때의 도형은 어느 것입니까?



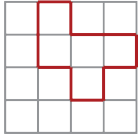
①



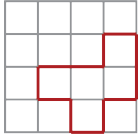
②



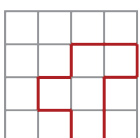
③



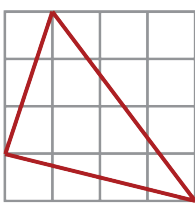
④



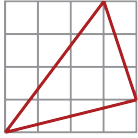
⑤



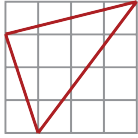
19. 도형을 오른쪽으로 밀고 왼쪽으로 5번 뒤집은 다음 시계 방향으로 180° 만큼 돌렸을 때의 도형은 어느 것입니까?



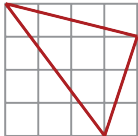
①



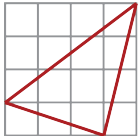
②



③



④



⑤

