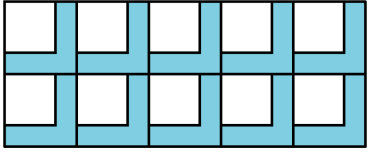


1. 다음 무늬는 어떤 모양을 밀기 방법을 이용하여 만든 것입니까?



①



②



③



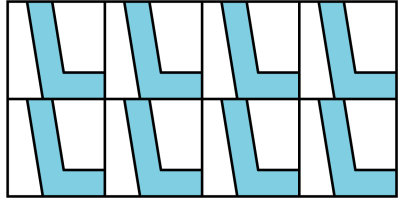
④



⑤



2. 다음 무늬는 모양을 어떻게 사용하였습니까?



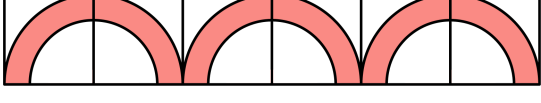
- ① 뒤집기

② 돌리기

③ 밀기
- ④ 뒤틀기

⑤ 뒤집고 돌리기

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



①



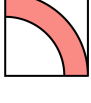
②



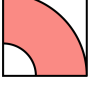
③



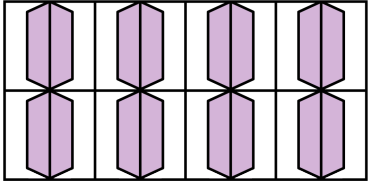
④



⑤

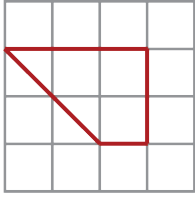


4. 다음 무늬는 어떤 모양을 어떻게 움직여서 만든 것입니까?



▶ 답: _____

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

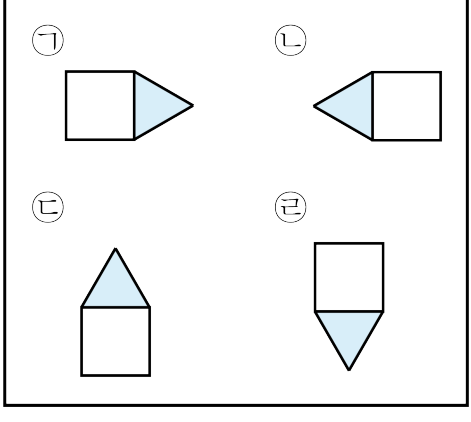
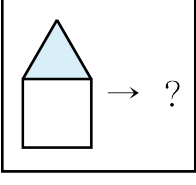


가

나

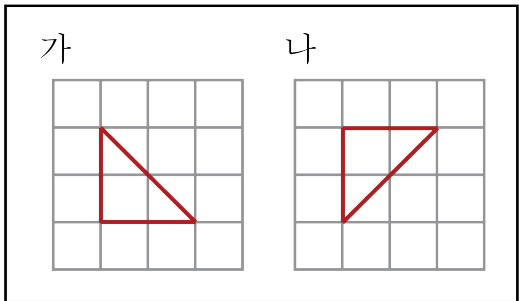
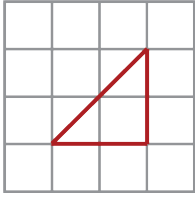
 답: _____

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



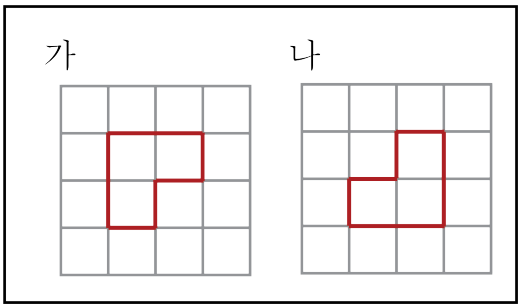
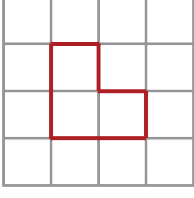
 답: _____

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



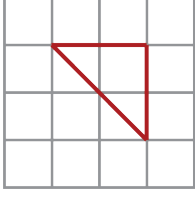
 답: _____

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.

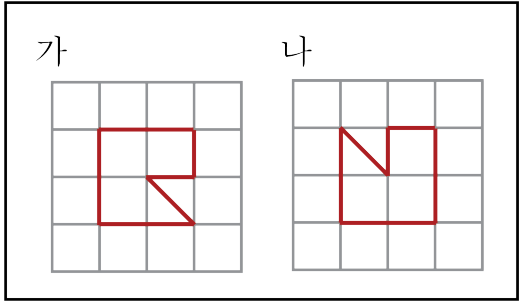
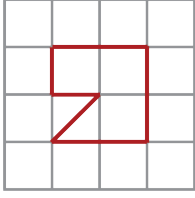


가

나

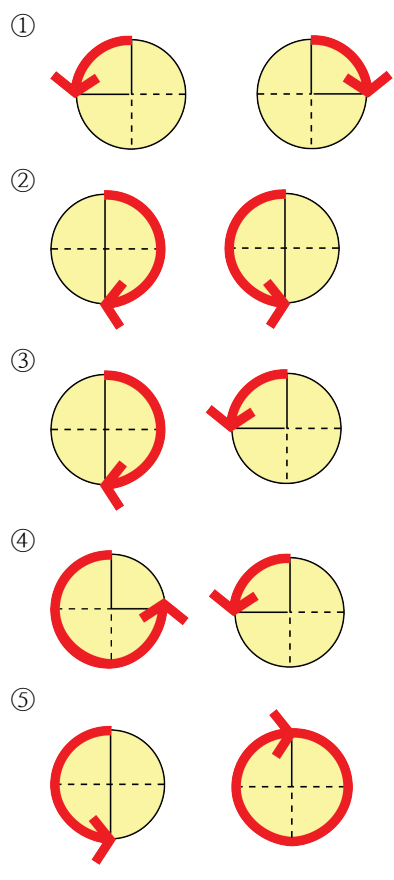
답: _____

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

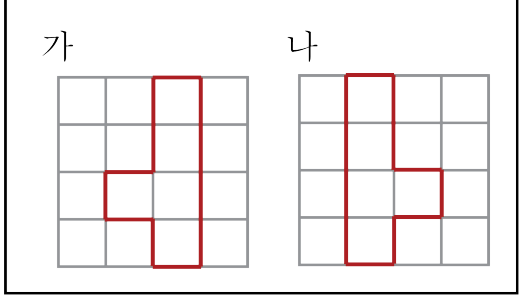
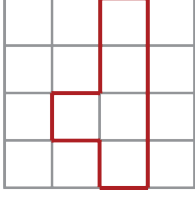


 답: _____

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

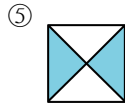
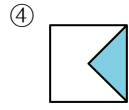
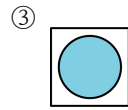
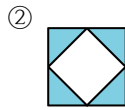
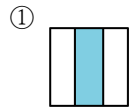


12. 도형을 시계 방향으로 360°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

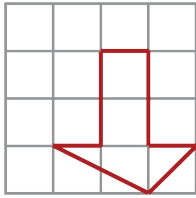


 답: _____

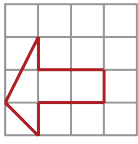
13. 다음 중 뒤집기 한 모양과 밀기 한 모양이 다르게 될 수 있는 것을 고르시오.



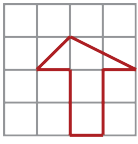
14. 어떤 도형을 시계 방향으로 90° 만큼 돌린 도형이 다음과 같았을 때, 도형의 처음 모양은 어느 것입니까?



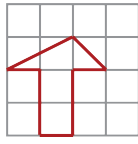
①



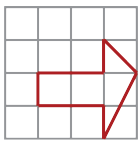
②



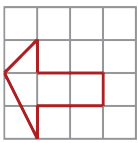
③



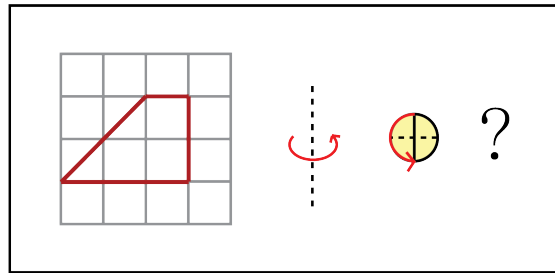
④



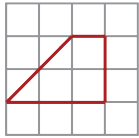
⑤



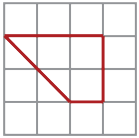
15. 도형을 오른쪽으로 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



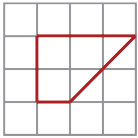
①



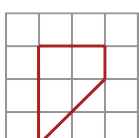
②



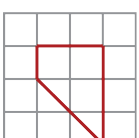
③



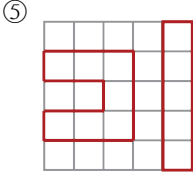
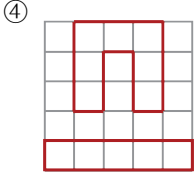
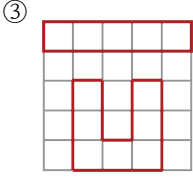
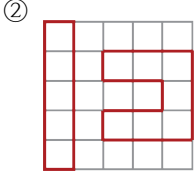
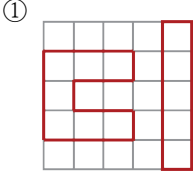
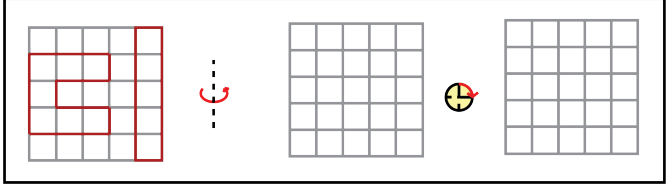
④



⑤



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

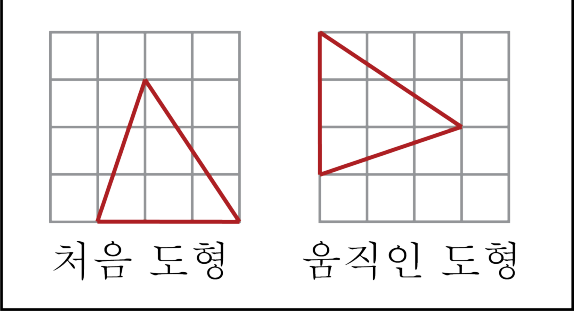


17. 뒤집기하여 처음과 같은 모양을 얻을 수 없는 알파벳은 모두 몇 개입니까?

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

 답: _____ 개

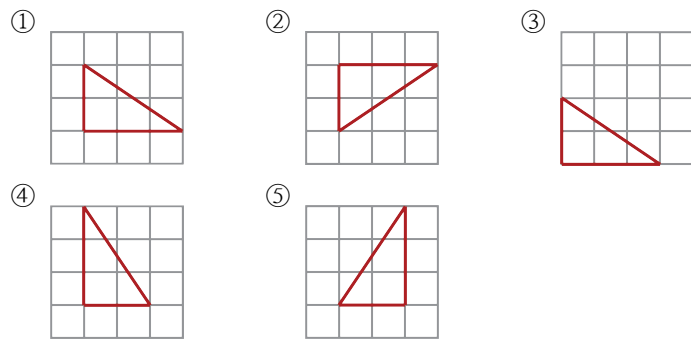
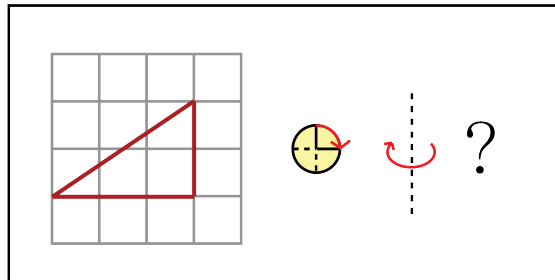
18. 다음 도형의 이동에 대한 설명을 보고 안에 알맞은 수를 써넣으시오.



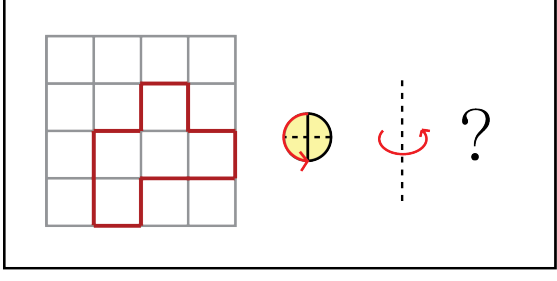
처음 도형을 왼쪽으로 뒤집고 시계 방향으로 ° 돌리면 움직인 도형이 됩니다.

답:

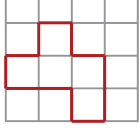
19. 도형을 시계 방향으로 90° 만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



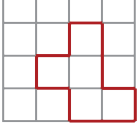
20. 도형을 시계 반대 방향으로 180°만큼 돌리고 오른쪽으로 뒤집었을 때의 도형은 어느 것입니까?



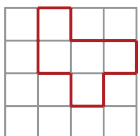
①



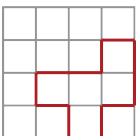
②



③



④



⑤

