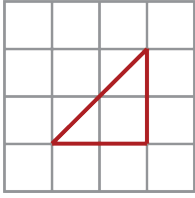


1. 다음 도형을 왼쪽으로 밀었을 때의 도형을 가, 나 중 고르시오.

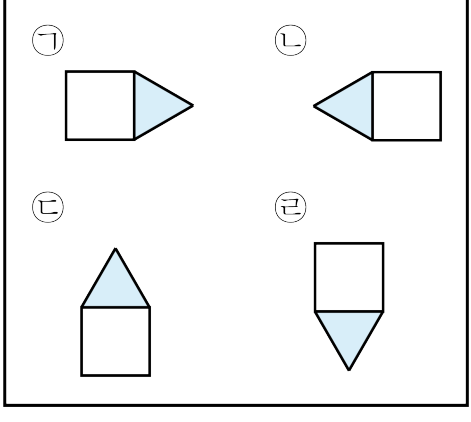
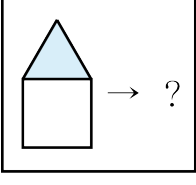


가

나

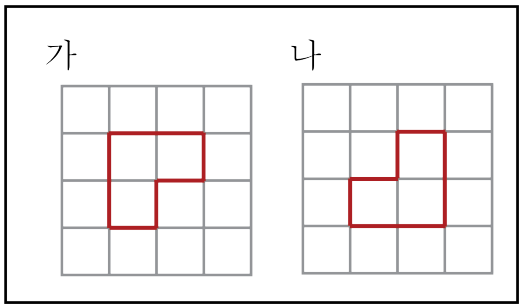
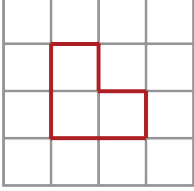
 답: _____

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



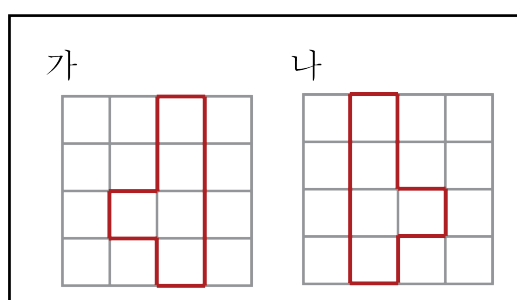
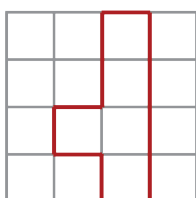
 답: _____

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



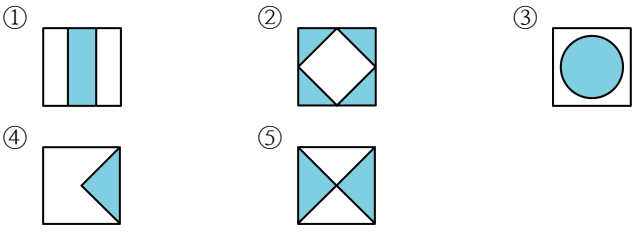
 답: _____

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

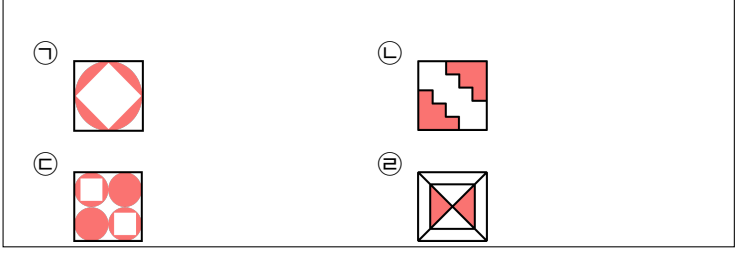


 답: _____

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



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



 답: _____

7. 다음 영어 알파벳 대문자 중 왼쪽으로 뒤집어도 처음 모양과 같은 것은 어느 것입니까?

①

A

②

B

③

C

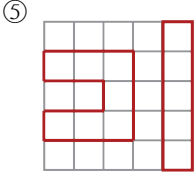
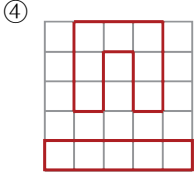
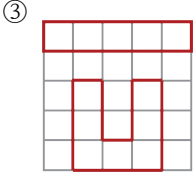
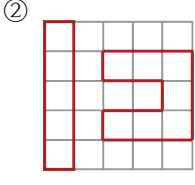
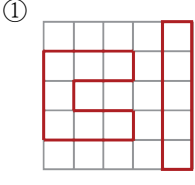
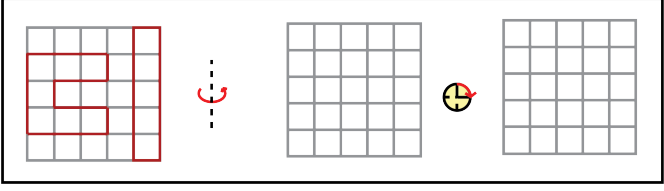
④

D

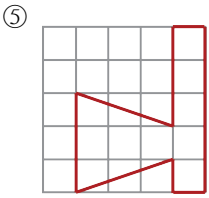
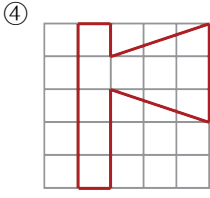
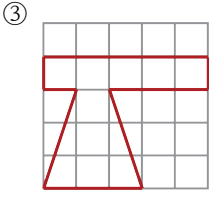
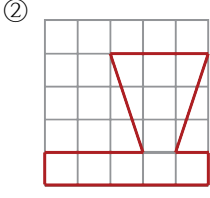
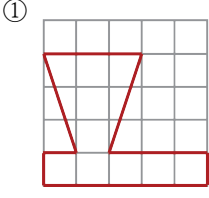
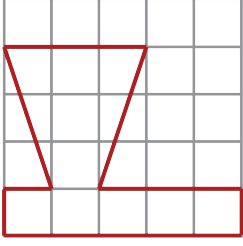
⑤

E

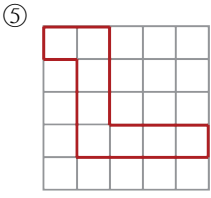
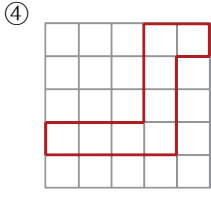
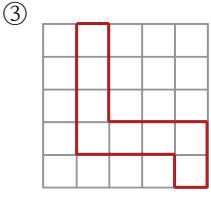
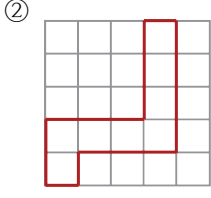
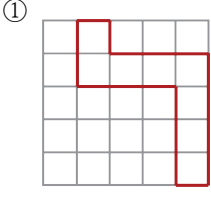
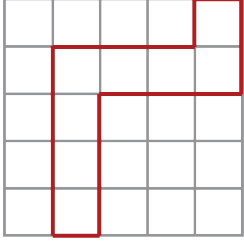
8. 도형을 오른쪽으로 뒤집고 시계 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?



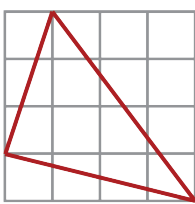
9. 도형을 아래쪽으로 4번 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?



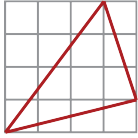
10. 도형을 왼쪽으로 6번 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



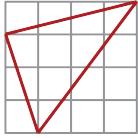
11. 도형을 오른쪽으로 밀고 왼쪽으로 5번 뒤집은 다음 시계 방향으로 180° 만큼 돌렸을 때의 도형은 어느 것입니까?



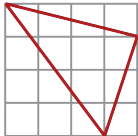
①



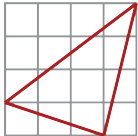
②



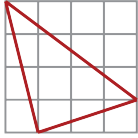
③



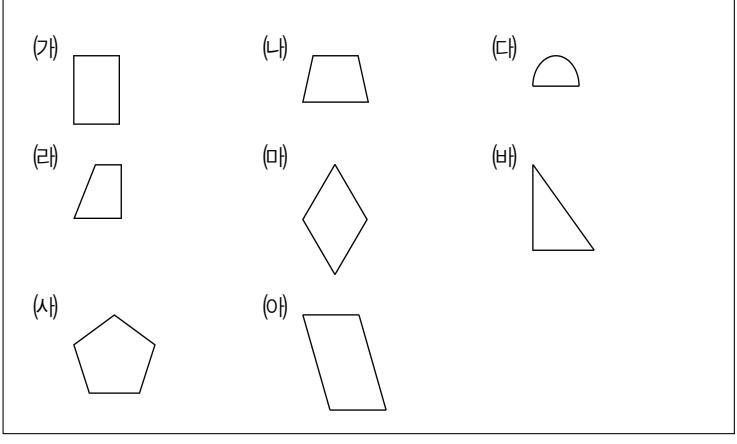
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12. 다음 도형을 보고, 오른쪽으로 뒤집기를 하여 처음 도형과 같은 도형을 얻을 수 있는 도형은 모두 몇 개입니까?

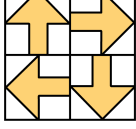


 답: _____ 개

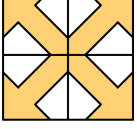
13. 보기의 모양을 돌리기 한 모양이 아닌 것을 고르시오.



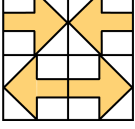
①



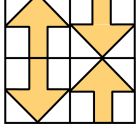
②



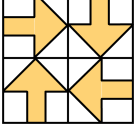
③



④



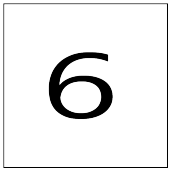
⑤



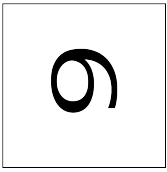
15. 다음 숫자 카드를 아래로 밀었을 때의 모양은 어느 것입니까?



①



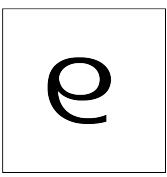
②



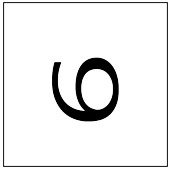
③



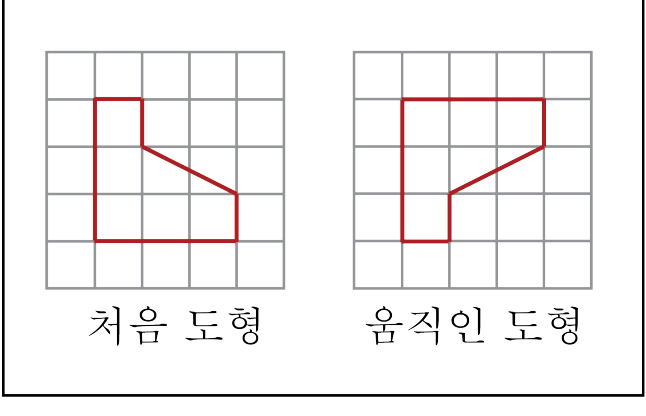
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16. 왼쪽 도형을 움직여 오른쪽 도형이 되었을 때, 이동으로 알맞은 것을 모두 고르시오.

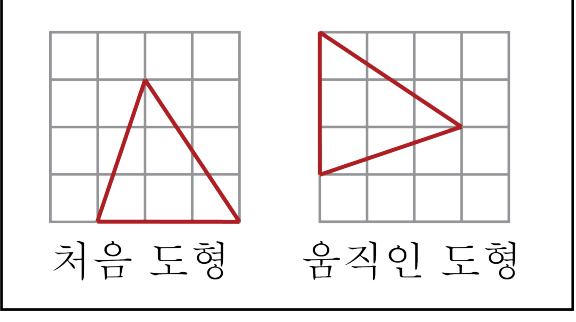


- ㉠ 오른쪽으로 밀고 위쪽으로 뒤집기
- ㉡ 아래로 밀고 오른쪽으로 뒤집기
- ㉢ 시계 반대 방향으로 90°돌리고 아래쪽으로 뒤집기
- ㉣ 시계 방향으로 180°돌리고 왼쪽으로 뒤집기

☐ 답: _____

☐ 답: _____

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



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

답:

18. 다음 무늬 중에서 돌리기를 할 때와 뒤집기를 할 때, 원래의 모양과 같은 모양이 되지 않는 무늬는 어느 것인지 모두 골라라.

①



②



③



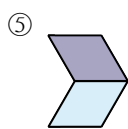
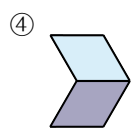
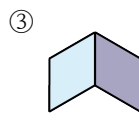
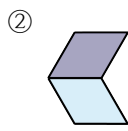
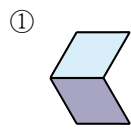
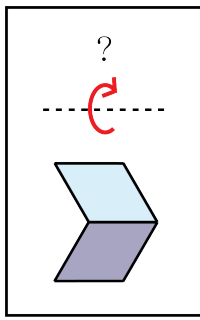
④



⑤



19. 모양 조각을 위쪽으로 뒤집었을 때의 모양은 다음 중 어느 것입니까?



20. 1186 을 오른쪽으로 반 바퀴 돌려 생기는 수와 처음 수와의 차는 얼마인지 구하시오.

 답: _____