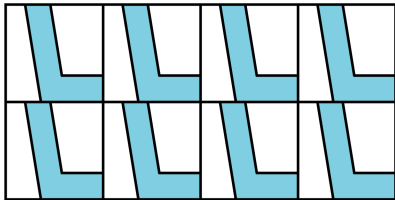


1. 다음 무늬는 모양을 어떻게 사용하여 만들었습니까?



① 뒤집기

② 돌리기

③ 밀기

④ 뒤틀기

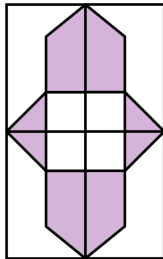
⑤ 뒤집고 돌리기

2.

다음 무늬는

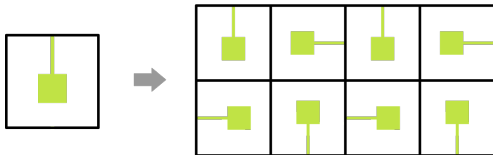


를 어떻게 움직여 만든 것입니까?



답:

3. 오른쪽의 무늬는 왼쪽의 모양을 한 가지 방법으로 움직여서 만든 무늬입니다. 어떻게 움직여서 만든 것입니까?



① 밀기

② 뒤집기

③ 돌리기

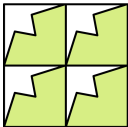
④ 뒤틀기

⑤ 겹치기

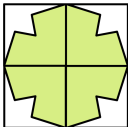
4. 다음 모양으로 만들 수 없는 무늬는 어느 것입니까?



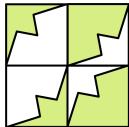
①



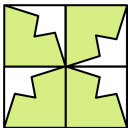
②



③



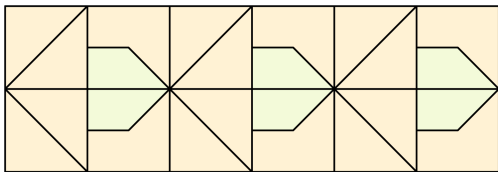
④



⑤



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



① 밀기와 돌리기

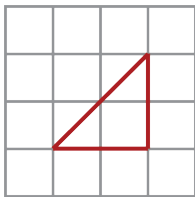
② 밀기와 뒤집기

③ 뒤집기와 돌리기

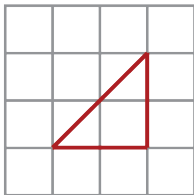
④ 뒤집기

⑤ 돌리기

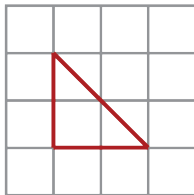
6. 다음 도형을 왼쪽으로 밀었을 때의 도형을 가, 나 중 고르시오.



가

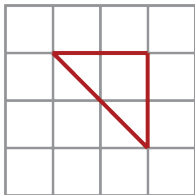


나

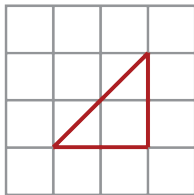


답: _____

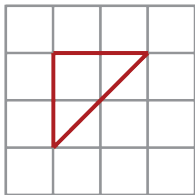
7. 도형을 시계 방향으로 270° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

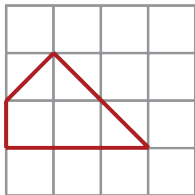


나

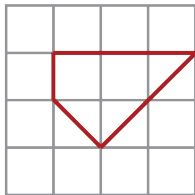


답: _____

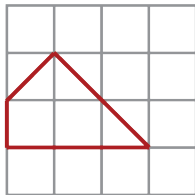
8. 도형을 시계 반대 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

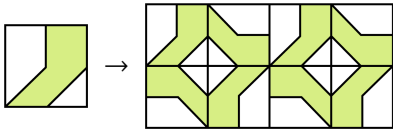


나



답:

9. 다음 무늬는 아래 모양을 어떻게 움직여서 만든 것인지 모두 쓰시오.



답:



답:

10. 풍차의 날개 부분의 모양을 만드는 방법으로 가장 알맞은 것은 어느 것인지 고르시오.

① 겹치고 뒤틀기

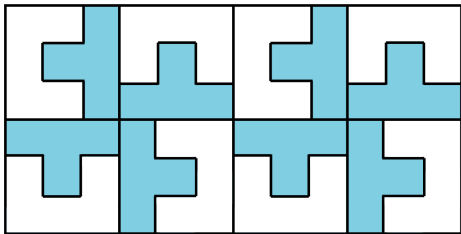
② 뒤집고 밀기

③ 뒤집고 돌리기

④ 돌리기

⑤ 밀기

11. 다음 무늬는 어떤 모양을 돌리기 한 것입니까?



①



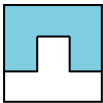
②



③



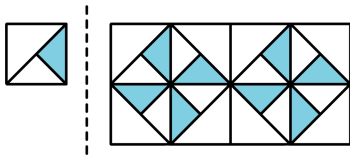
④



⑤



12. 오른쪽 무늬는 주어진 모양을 어떻게 사용하여 만들었습니까?



① 돌리기, 뒤집기

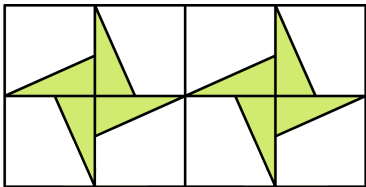
② 돌리기, 밀기

③ 뒤집기, 밀기

④ 밀기

⑤ 뒤집기

13. 다음 무늬 만들기에서 사용한 모든 방법을 고르시오.



① 밀기

② 밀기, 뒤집기

③ 뒤집기, 돌리기

④ 뒤집기

⑤ 밀기, 돌리기

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

㉠



㉡



㉢

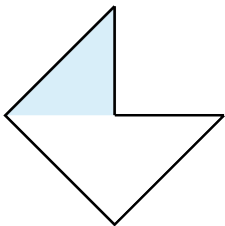


㉣



답: _____

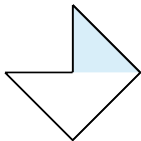
15. 다음 도형을 위쪽으로 밀었을 때의 도형은 어느 것입니까?



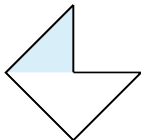
①



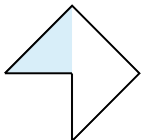
②



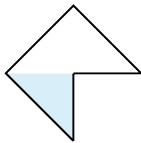
③



④

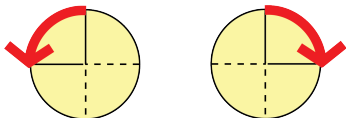


⑤

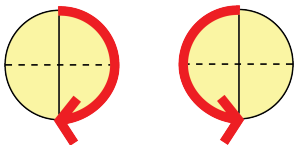


16. 다음 중 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것은 어느 것입니까?

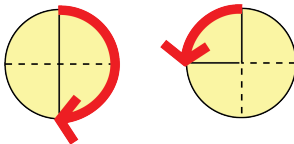
①



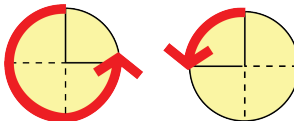
②



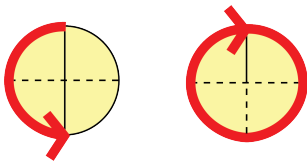
③



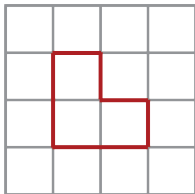
④



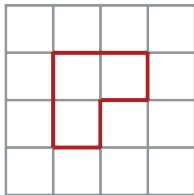
⑤



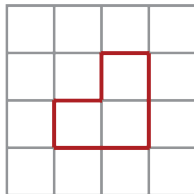
17. 도형을 시계 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

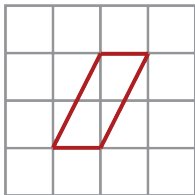


나

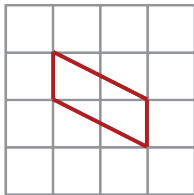


답: _____

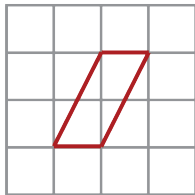
18. 도형을 시계 방향으로 180° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

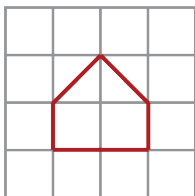


나

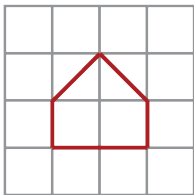


답: _____

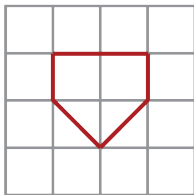
19. 도형을 시계 반대 방향으로 180° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

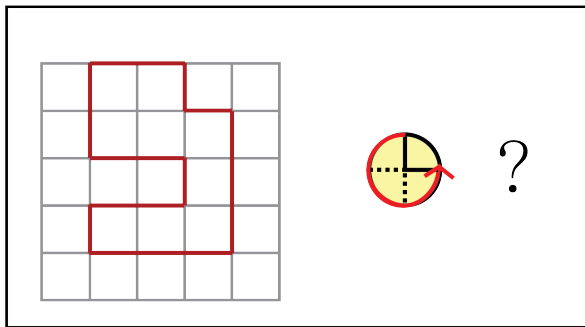


나

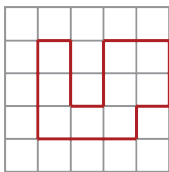


답:

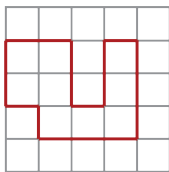
20. 모양 조각을 시계 반대 방향으로 270° 만큼 돌렸을 때의 모양은 어느 것입니까?



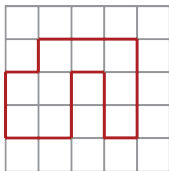
①



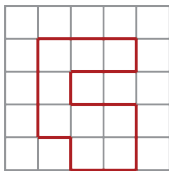
②



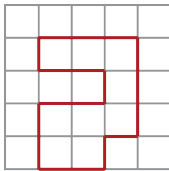
③



④

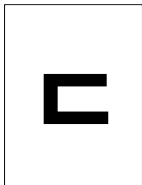


⑤

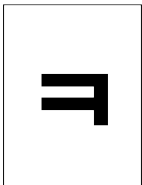


21. 시계 방향으로 180° 만큼 돌렸을 때의 모양이 같은 것은 어느 것입니까?

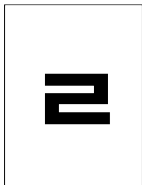
①



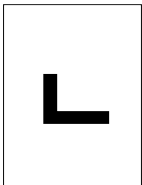
②



③



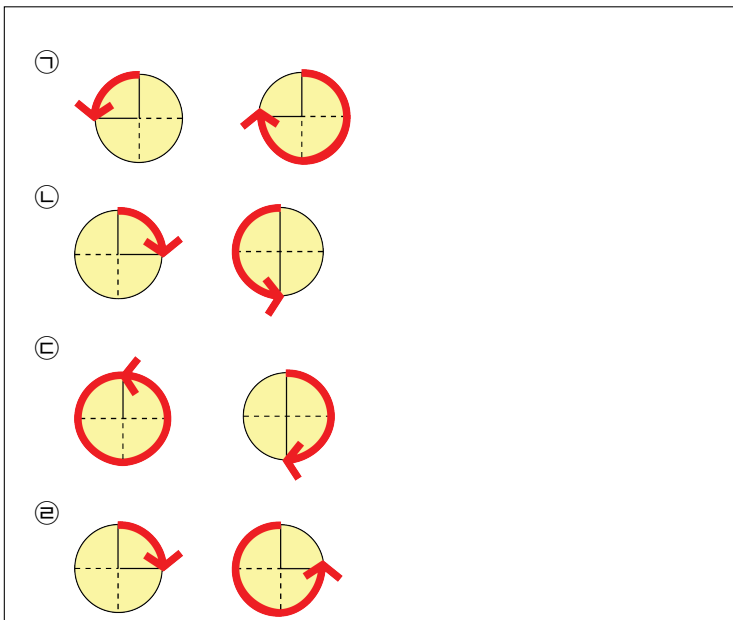
④



⑤



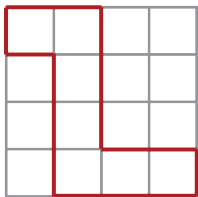
22. 다음에서 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것을 모두 고르시오.



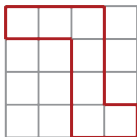
> 답: _____

> 답: _____

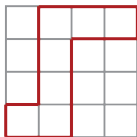
- 23.** 도형을 위쪽으로 2번 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



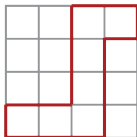
①



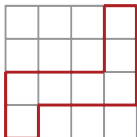
②



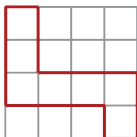
③



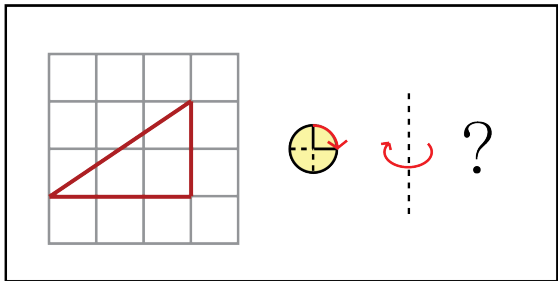
④



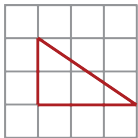
⑤



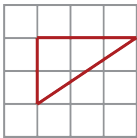
24. 도형을 시계 방향으로 90° 만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



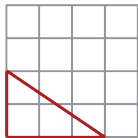
①



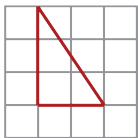
②



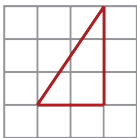
③



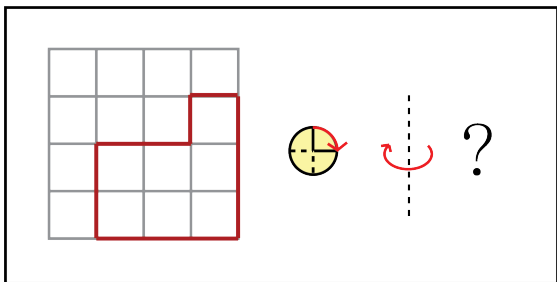
④



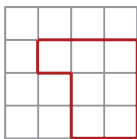
⑤



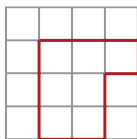
25. 도형을 시계 방향으로 90°만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



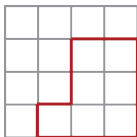
①



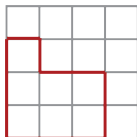
②



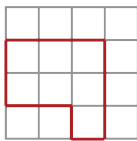
③



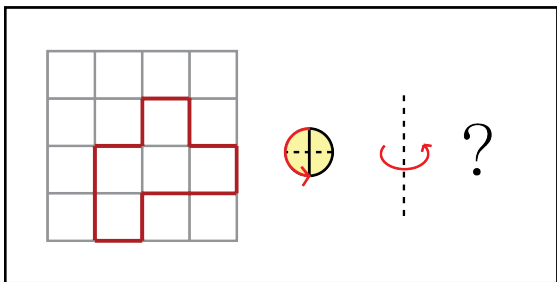
④



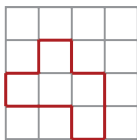
⑤



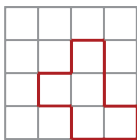
26. 도형을 시계 반대 방향으로 180°만큼 돌리고 오른쪽으로 뒤집었을 때의 도형은 어느 것입니까?



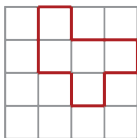
①



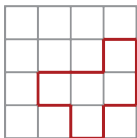
②



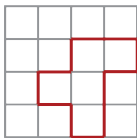
③



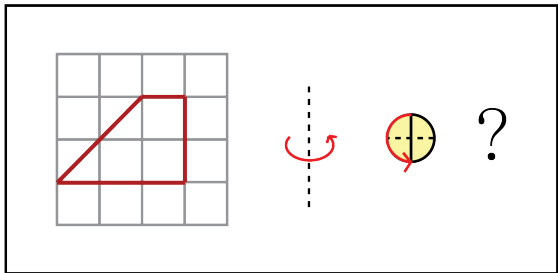
④



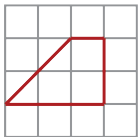
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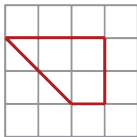
27. 도형을 오른쪽으로 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



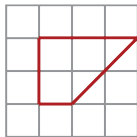
①



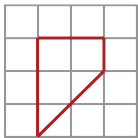
②



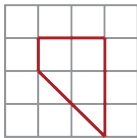
③



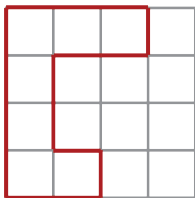
④



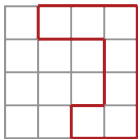
⑤



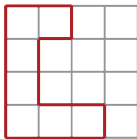
28. 도형을 아래쪽으로 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



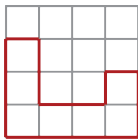
①



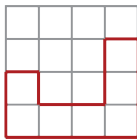
②



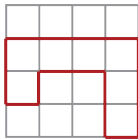
③



④



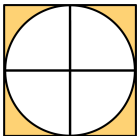
⑤



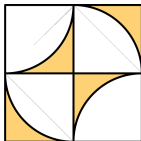
29. 다음 그림과 같은 모양 조각으로 만들 수 없는 무늬는 어느 것인지 고르시오.



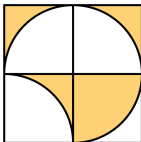
①



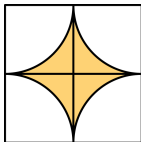
②



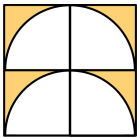
③



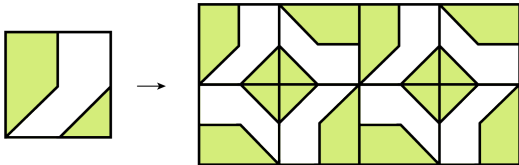
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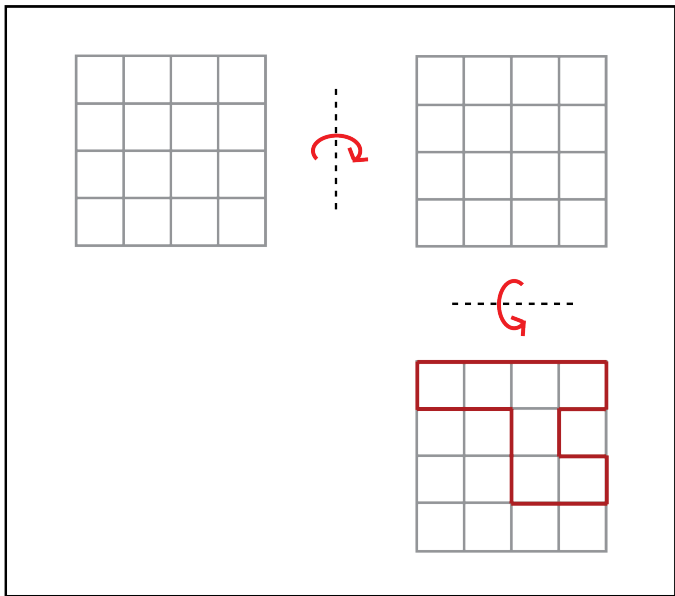
30. 다음 무늬는 왼쪽 모양을 어떻게 움직여서 만든 것인지 모두 쓰시오.



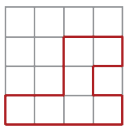
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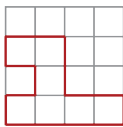
31. 다음과 같이 어떤 도형을 오른쪽으로 뒤집은 다음 다시 아래쪽으로 뒤집었습니다. 원래의 모양은 어느 것입니까?



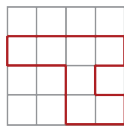
①



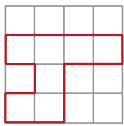
②



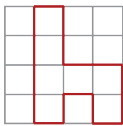
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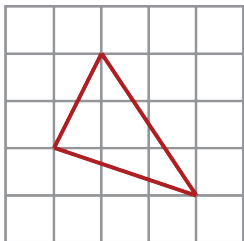
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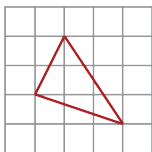
⑤



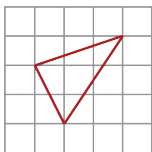
32. 다음 도형을 위쪽으로 6번 뒤집었을 때의 도형은 어느 것입니까?



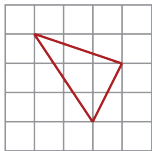
①



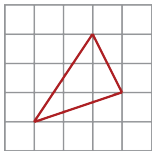
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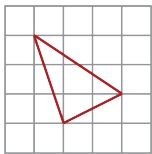
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33. 다음 영어 알파벳 대문자 중 왼쪽으로 뒤집어도 처음 모양과 같은 것은 어느 것입니까?

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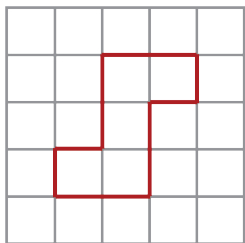
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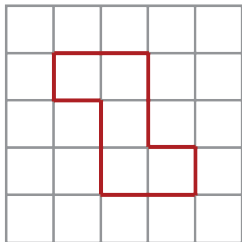
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E

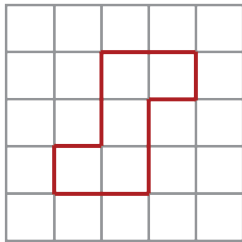
34. 다음 도형을 왼쪽으로 2번 뒤집었을 때의 도형을 고르시오.



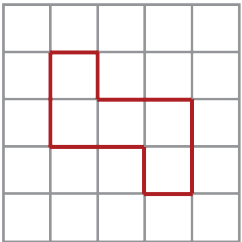
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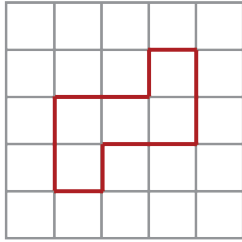
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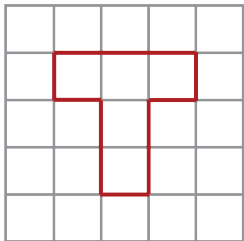


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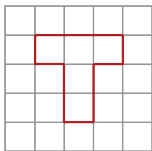


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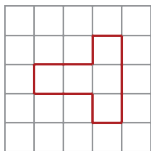
35. 다음 도형을 아래쪽으로 5번 뒤집었을 때의 도형은 어느 것입니까?



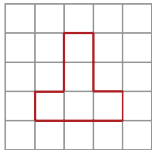
①



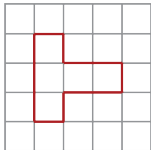
②



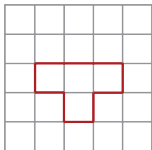
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36. 다음 숫자 중 위쪽으로 뒤집었을 때 처음 모양과 같지 않은 것을 모두 고르시오.

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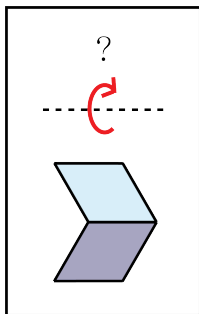
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37. 모양 조각을 위쪽으로 뒤집었을 때의 모양은 다음 중 어느 것입니까?



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38. 다음 영어 알파벳 대문자 중 왼쪽, 오른쪽, 위쪽, 아래쪽 중 어느 쪽으로 뒤집어도 처음 모양과 같은 것은 어느 것입니까?

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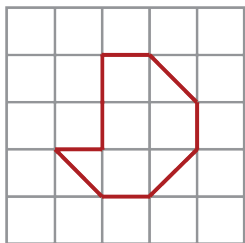
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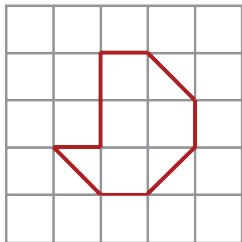
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U

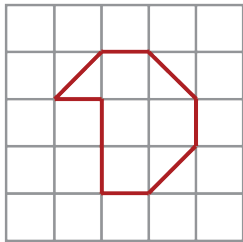
39. 다음 도형을 오른쪽으로 3번 뒤집었을 때의 도형을 고르시오.



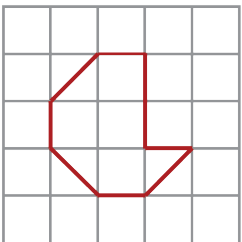
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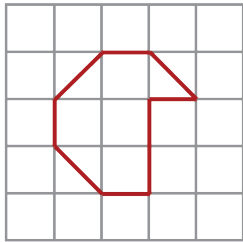
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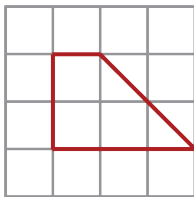


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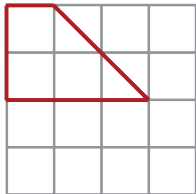


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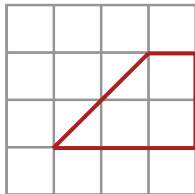
40. 다음 도형을 오른쪽으로 뒤집었을 때의 도형을 가, 나 중 고르시오.



가



나



답: _____

41. 다음 도형 중에서 왼쪽으로 뒤집었을 때의 도형이 처음 도형과 같은 것을 모두 찾아 기호를 쓰시오.

가



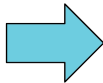
나



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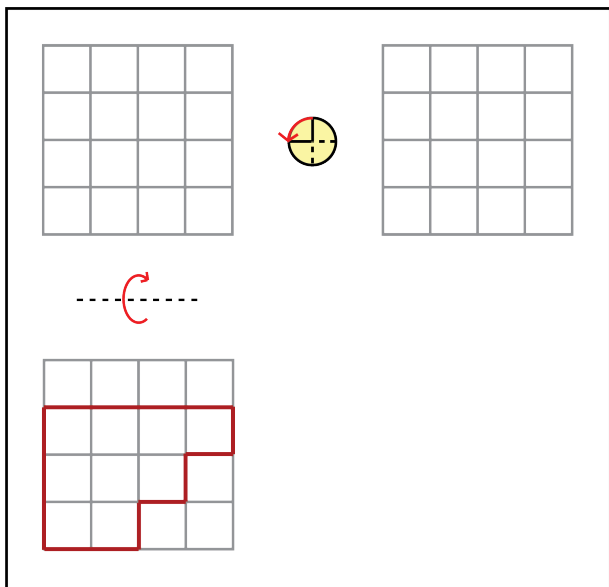
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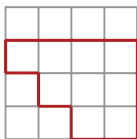
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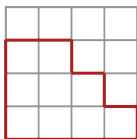
42. 도형을 위쪽으로 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?



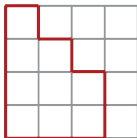
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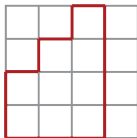
②



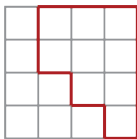
③



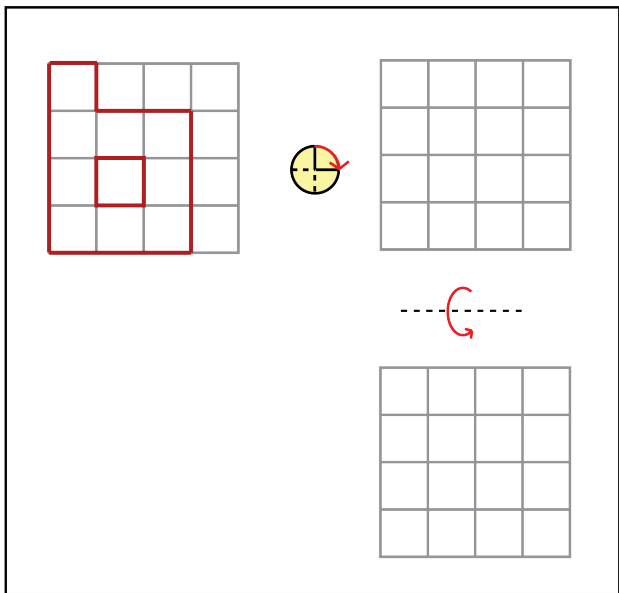
④



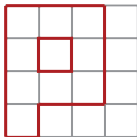
⑤



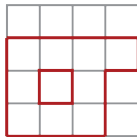
43. 도형을 시계 방향으로 90° 만큼 돌리고 아래쪽으로 뒤집었을 때의 도형은 어느 것입니까?



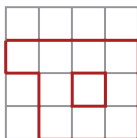
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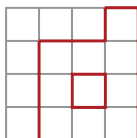
②



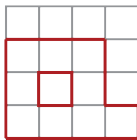
③



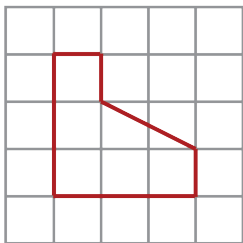
④



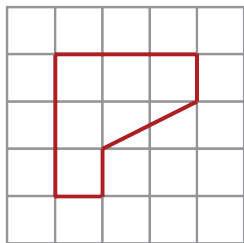
⑤



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



처음 도형



움직인 도형

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



답: _____



답: _____