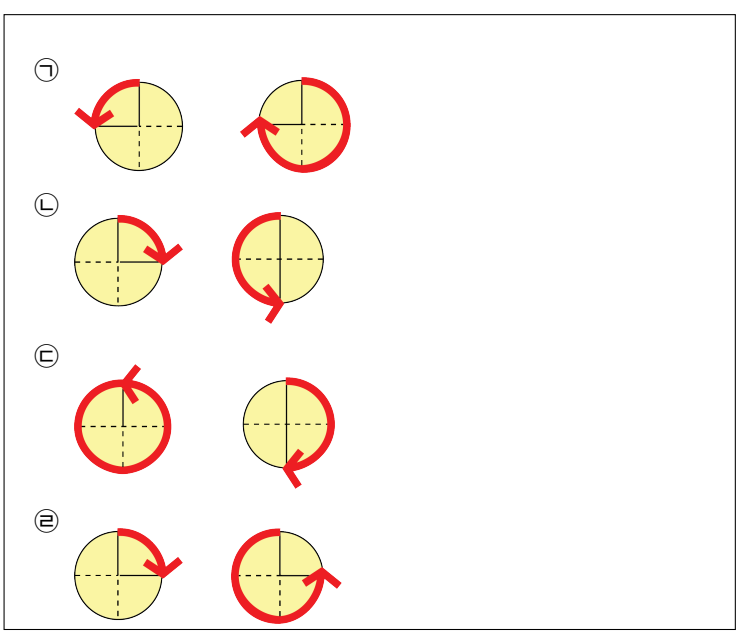
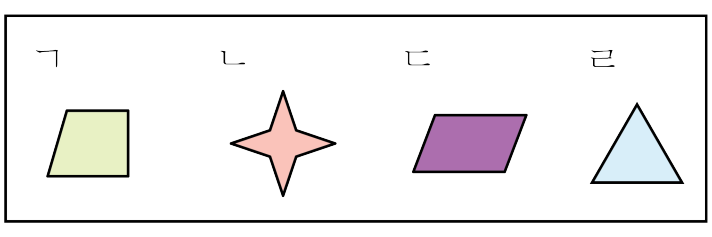
1. 다음에서 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것을 모두 고르시오.



답: _____

답: _____

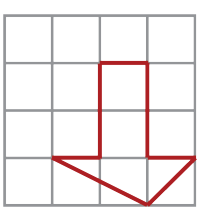
2. 다음에서 도형을 시계 반대 방향으로 180°만큼 돌렸을 때의 도형이 처음 도형과 같은 것을 모두 고르시오.

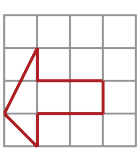


답: _____

답: _____

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



① 

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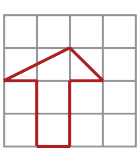
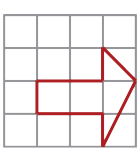
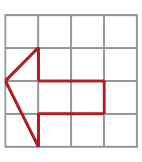
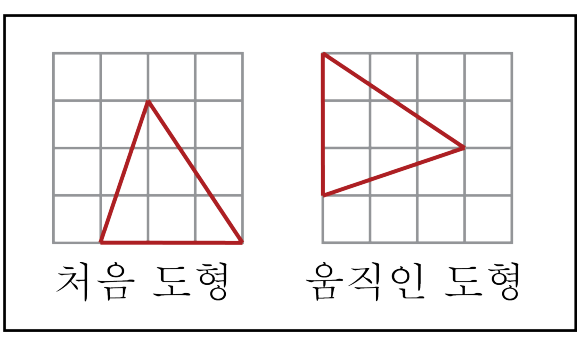
③ 

④ 

⑤ 

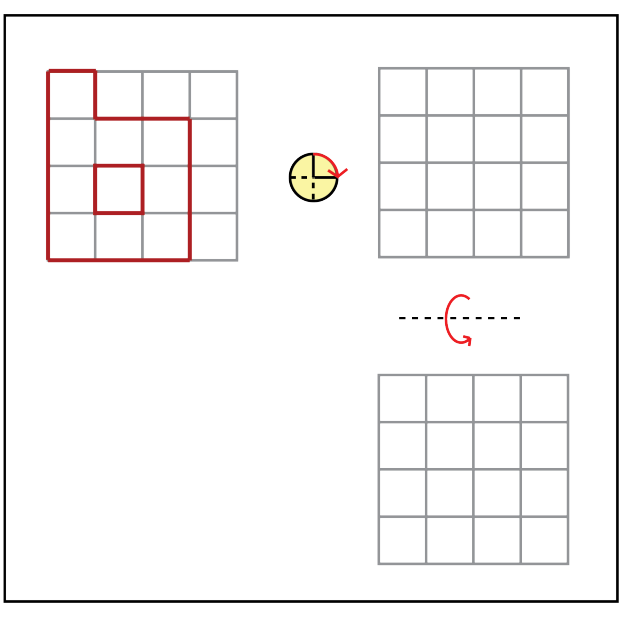
4. 다음 도형의 이동에 대한 설명을 보고 □ 안에 알맞은 수를 써넣으시오.

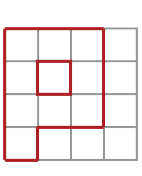


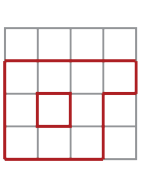
처음 도형을 왼쪽으로 뒤집고 시계 방향으로 □ °돌리면 움직인 도형이 됩니다.

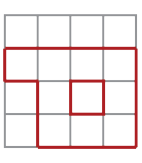
답: _____

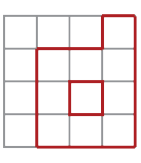
5. 도형을 시계 방향으로 90°만큼 돌리고 아래쪽으로 뒤집었을 때의 도형은 어느 것입니까?

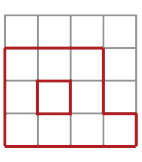


① 

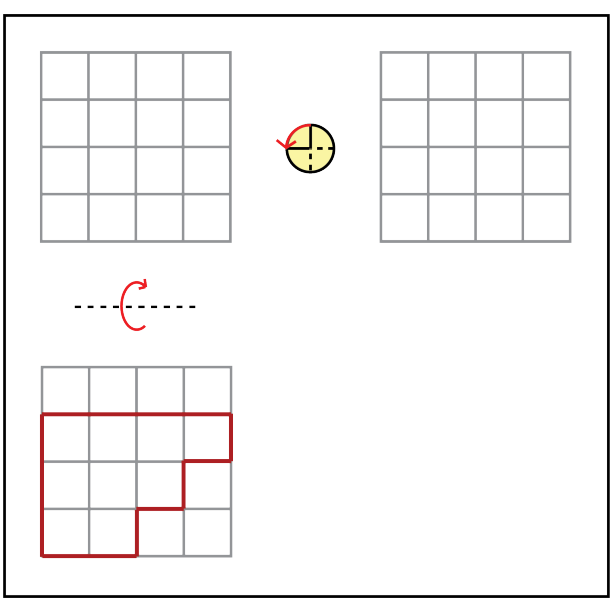
② 

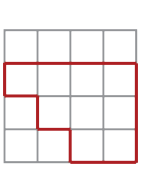
③ 

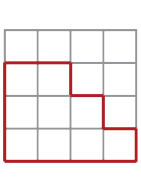
④ 

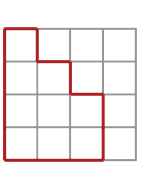
⑤ 

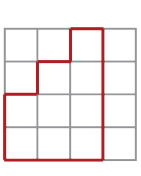
6. 도형을 위쪽으로 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?

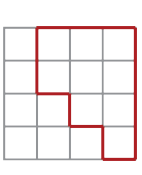


① 

② 

③ 

④ 

⑤ 

7. 알파벳 P를 시계 방향으로 180°만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?

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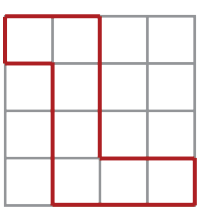
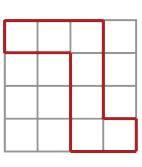
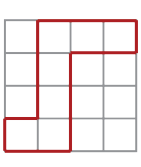
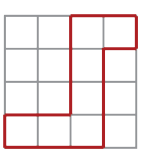
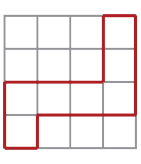
8. 도형을 위쪽으로 2번 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?

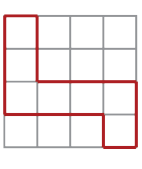


① 

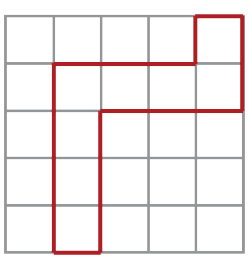
② 

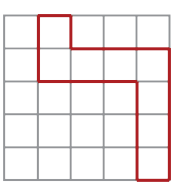
③ 

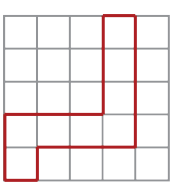
④ 

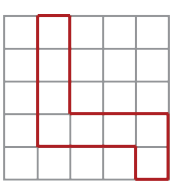
⑤ 

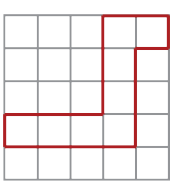
9. 도형을 왼쪽으로 6번 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?

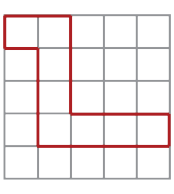


① 

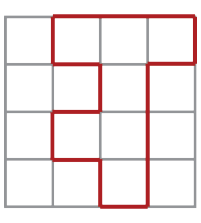
② 

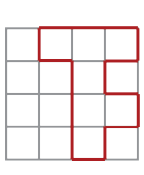
③ 

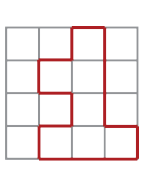
④ 

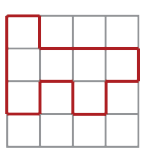
⑤ 

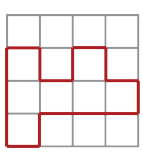
10. 도형을 아래쪽으로 뒤집고 시계 반대 방향으로 270°만큼 돌렸을 때의 도형은 어느 것입니까?

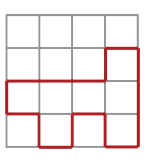


① 

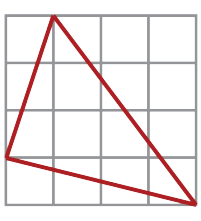
② 

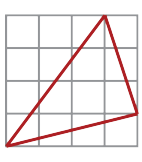
③ 

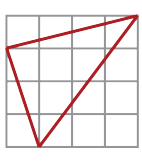
④ 

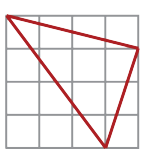
⑤ 

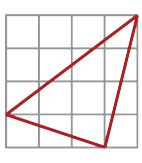
11. 도형을 오른쪽으로 밀고 왼쪽으로 5번 뒤집은 다음 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?

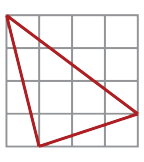


① 

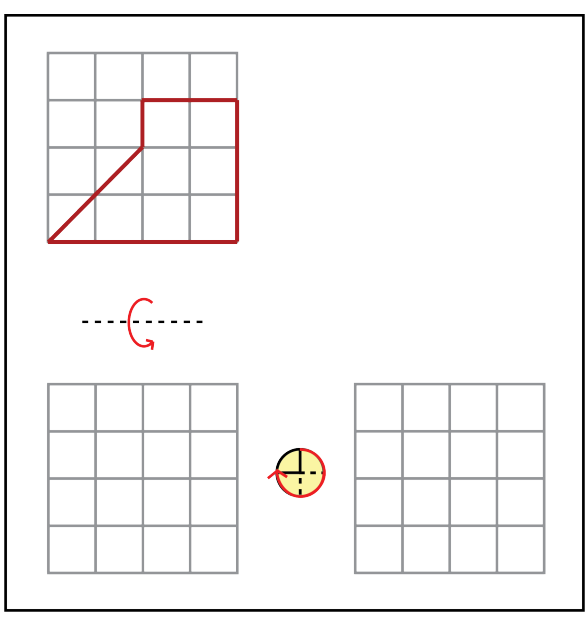
② 

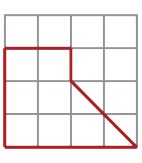
③ 

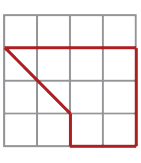
④ 

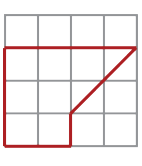
⑤ 

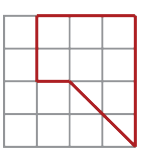
12. 도형을 아래쪽으로 뒤집고 시계 방향으로 270°만큼 돌렸을 때의 도형은 어느 것입니까?

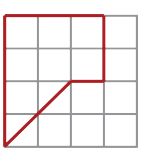


① 

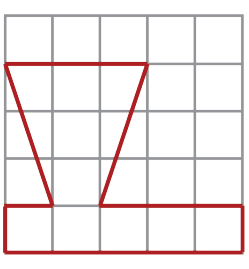
② 

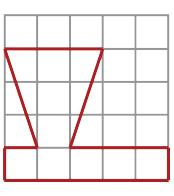
③ 

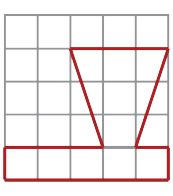
④ 

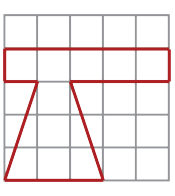
⑤ 

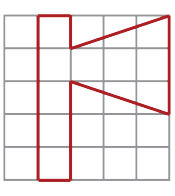
13. 도형을 아래쪽으로 4번 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?

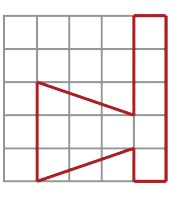


① 

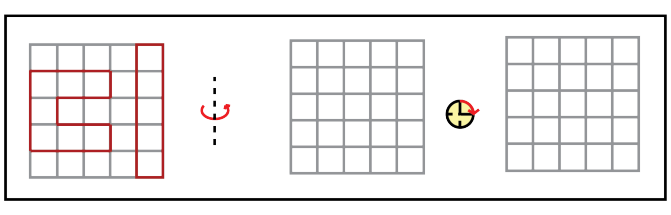
② 

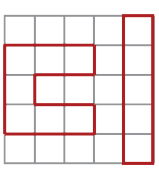
③ 

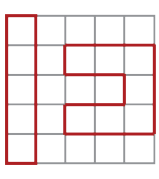
④ 

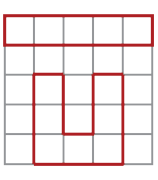
⑤ 

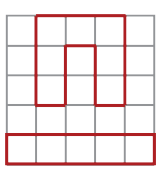
14. 도형을 오른쪽으로 뒤집고 시계 방향으로 90 °만큼 돌렸을 때의 도형은 어느 것입니까?

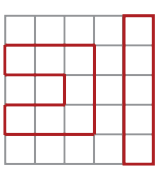


① 

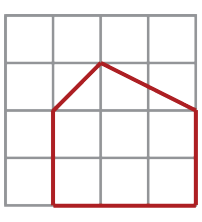
② 

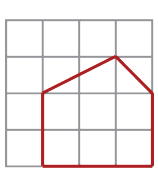
③ 

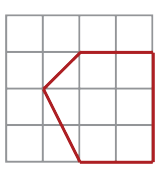
④ 

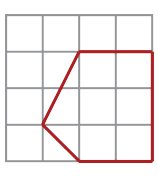
⑤ 

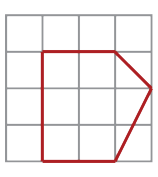
15. 도형을 시계 방향으로 270 °만큼 돌리고 위쪽으로 뒤집었을 때의 도형은 어느 것입니까?

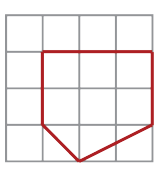


① 

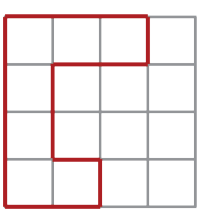
② 

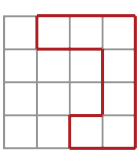
③ 

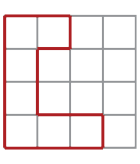
④ 

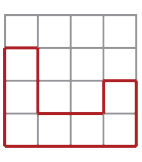
⑤ 

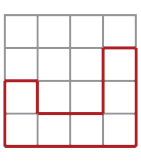
16. 도형을 아래쪽으로 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?

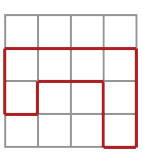


① 

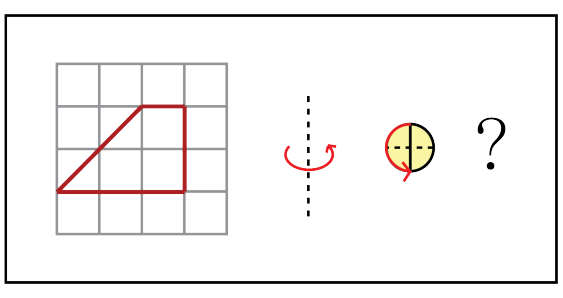
② 

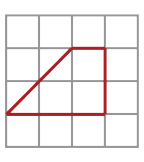
③ 

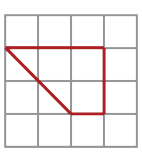
④ 

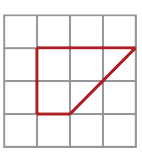
⑤ 

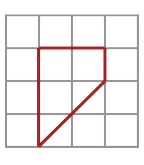
17. 도형을 오른쪽으로 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?

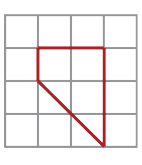


① 

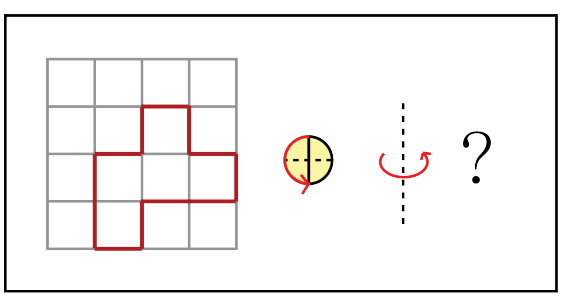
② 

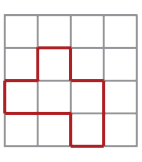
③ 

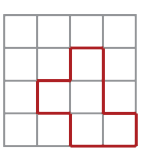
④ 

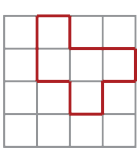
⑤ 

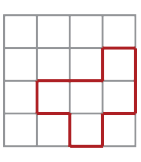
18. 도형을 시계 반대 방향으로 180°만큼 돌리고 오른쪽으로 뒤집었을 때의 도형은 어느 것입니까?

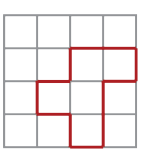


① 

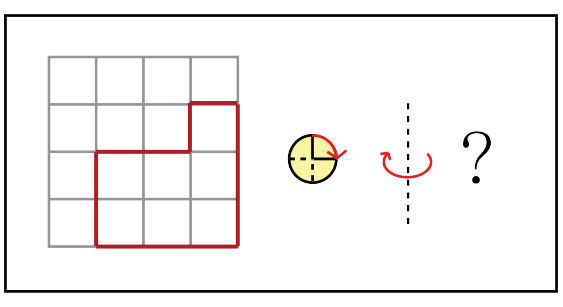
② 

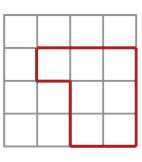
③ 

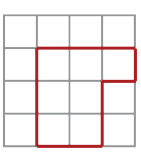
④ 

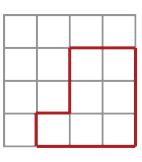
⑤ 

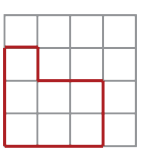
19. 도형을 시계 방향으로 90 °만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?

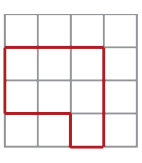


① 

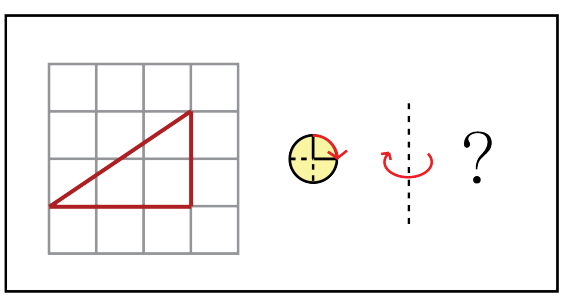
② 

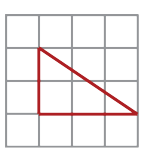
③ 

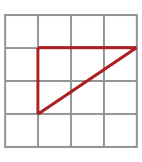
④ 

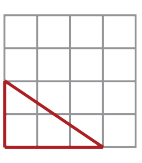
⑤ 

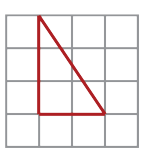
20. 도형을 시계 방향으로 90 °만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?

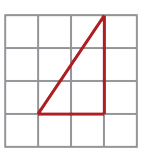


① 

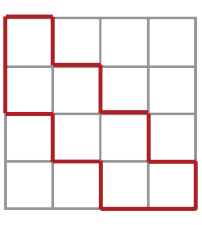
② 

③ 

④ 

⑤ 

21. 다음에서 도형을 시계 방향으로 90°만큼 돌린 다음 다시 시계 방향으로 180°만큼 돌렸을 때의 도형을 고르시오.



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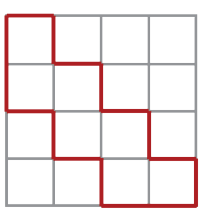

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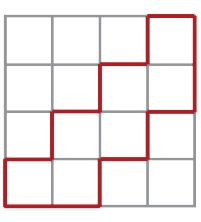

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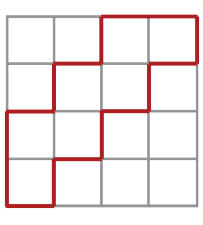

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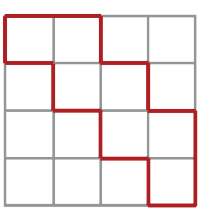


답: _____

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

①

②

③

④

⑤

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

①

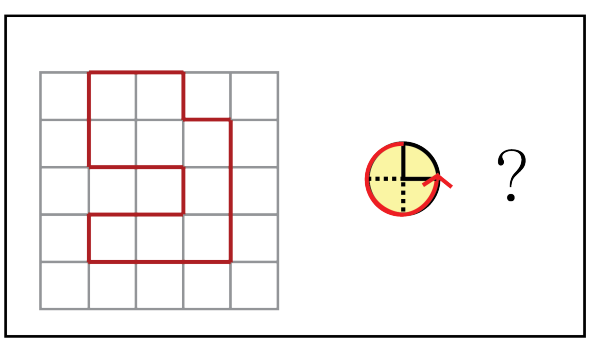
②

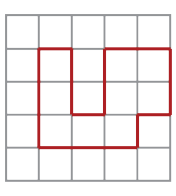
③

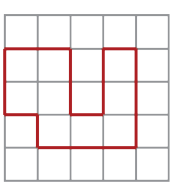
④

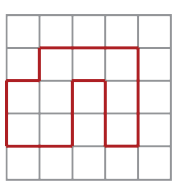
⑤

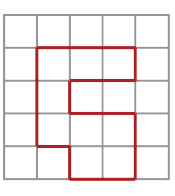
24. 모양 조각을 시계 반대 방향으로 270°만큼 돌렸을 때의 모양은 어느 것입니까?

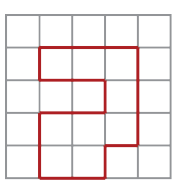


① 

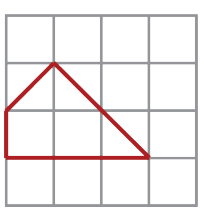
② 

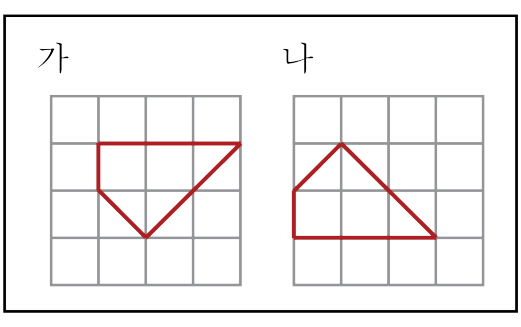
③ 

④ 

⑤ 

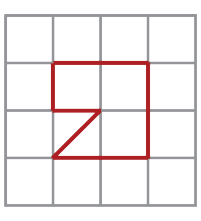
25. 도형을 시계 반대 방향으로 360°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

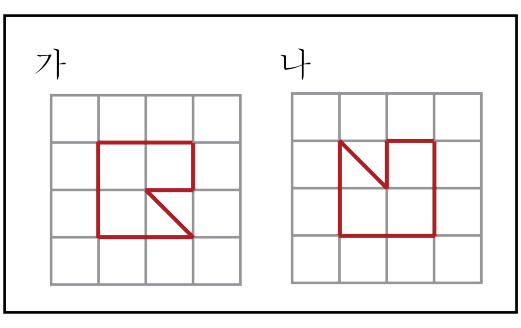




답: _____

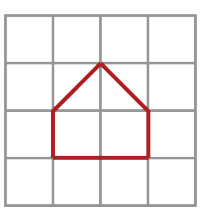
26. 도형을 시계 반대 방향으로 270°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.





답: _____

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



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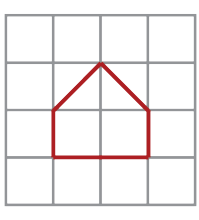
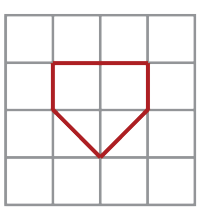
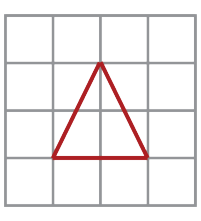


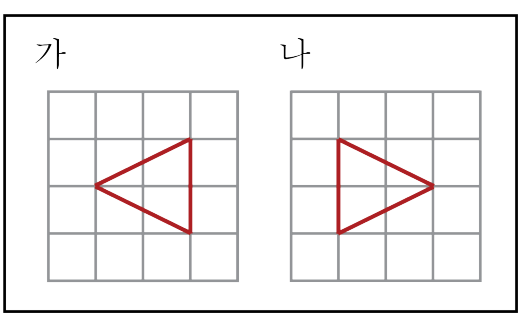
나



답: _____

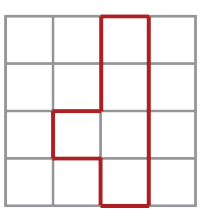
28. 도형을 시계 반대 방향으로 90°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

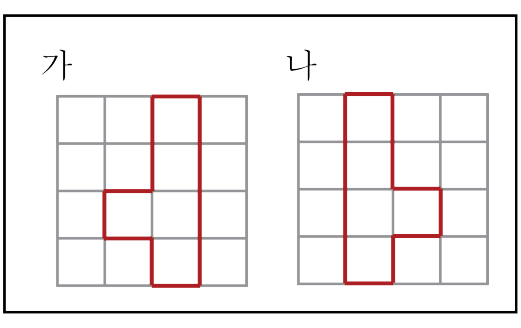




답: _____

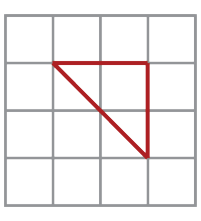
29. 도형을 시계 방향으로 360°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

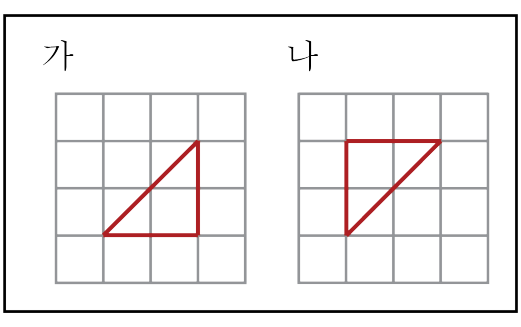




답: _____

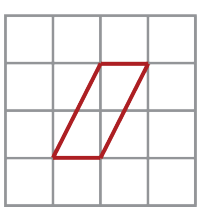
30. 도형을 시계 방향으로 270°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

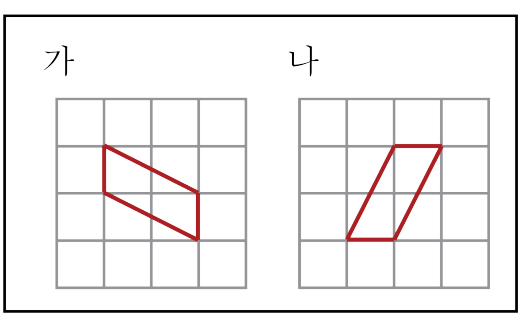




답: _____

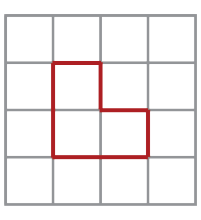
31. 도형을 시계 방향으로 180°만큼 돌렸을 때의 도형을 가, 나 중 고르시오.

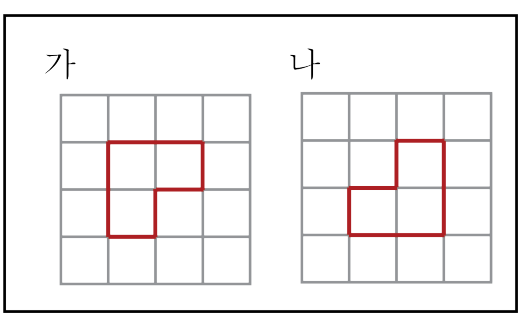




답: _____

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





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