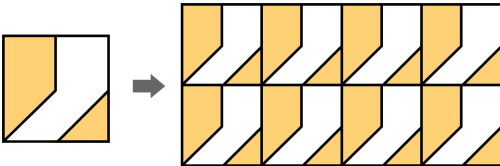
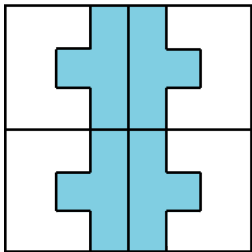


1. 다음 무늬는 왼쪽 모양을 어떻게 움직여서 만든 것인지 쓰시오.



답:

2. 다음 무늬는 어떤 한 가지 모양을 이어 붙여서 만든 것입니다. 다음 중 어떤 규칙을 사용한 것입니까?



① 겹치기

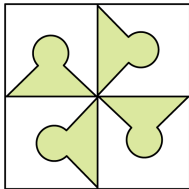
② 뒤틀기

③ 밀기

④ 뒤집기

⑤ 돌리기

3. 다음 무늬는 어떤 한 가지 모양을 이어 붙여 만든 것입니다. 다음 중에서 어떤 규칙을 사용한 것입니까?



① 밀기

② 뒤집기

③ 돌리기

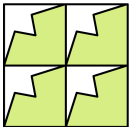
④ 밀고 뒤집기

⑤ 뒤집고 돌리기

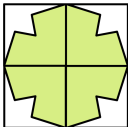
4. 다음 모양으로 만들 수 없는 무늬는 어느 것입니까?



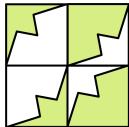
①



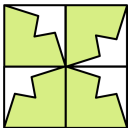
②



③



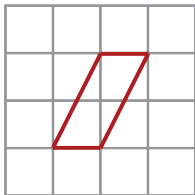
④



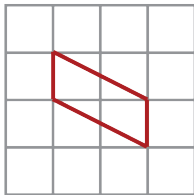
⑤



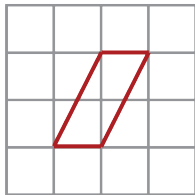
5. 도형을 시계 방향으로 180° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

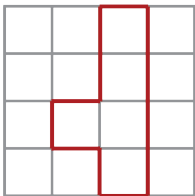


나

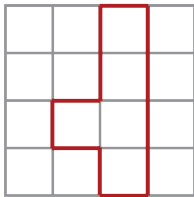


답: _____

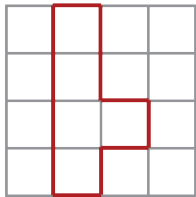
6. 도형을 시계 방향으로 360° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가

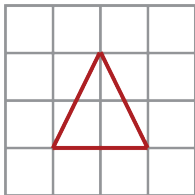


나

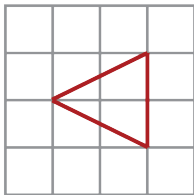


답:

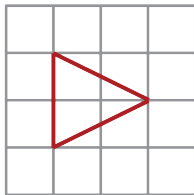
7. 도형을 시계 반대 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가



나



답: _____

8. 다음 모양을 돌리기 하여 나올 수 있는 모양이 아닌 것을 모두 고르시오.



①



②



③



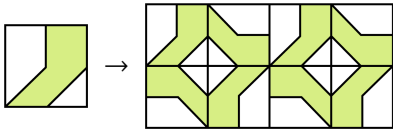
④



⑤



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



답:



답:

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

①



②



③



④



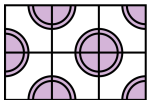
⑤



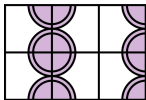
11. 다음 모양을 이어 붙여서 만들 수 없는 무늬는 어느 것입니까?



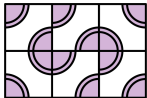
①



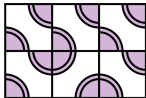
②



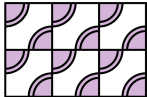
③



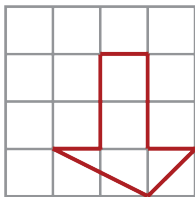
④



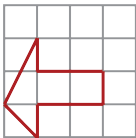
⑤



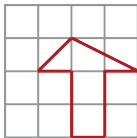
12. 어떤 도형을 시계 방향으로 90° 만큼 돌린 도형이 다음과 같았을 때, 도형의 처음 모양은 어느 것입니까?



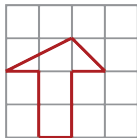
①



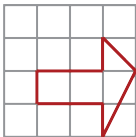
②



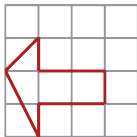
③



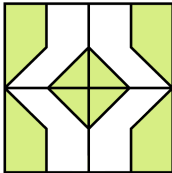
④



⑤

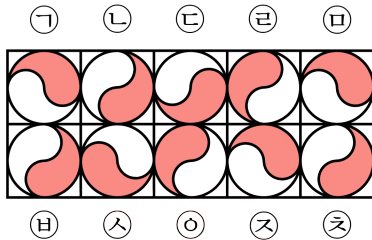


13. 다음 무늬들은 아래 모양을 어떻게 움직여서 만든 것인지 쓰시오.



답:

15. 다음은 한 가지 규칙만을 사용하여 움직인 무늬입니다. 규칙에 어긋나는 무늬를 찾아 기호를 쓰시오.



답: _____

16. 아래 그림과 같은 모양으로 만들 수 없는 무늬는 어느 것입니까?



①



②



③



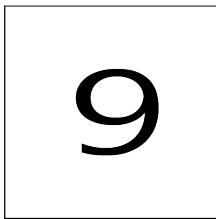
④



⑤



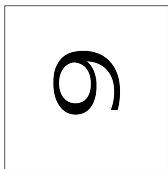
17. 다음 숫자 카드를 아래로 밀었을 때의 모양은 어느 것입니까?



①



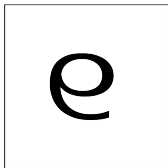
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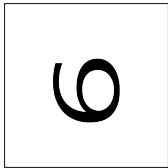
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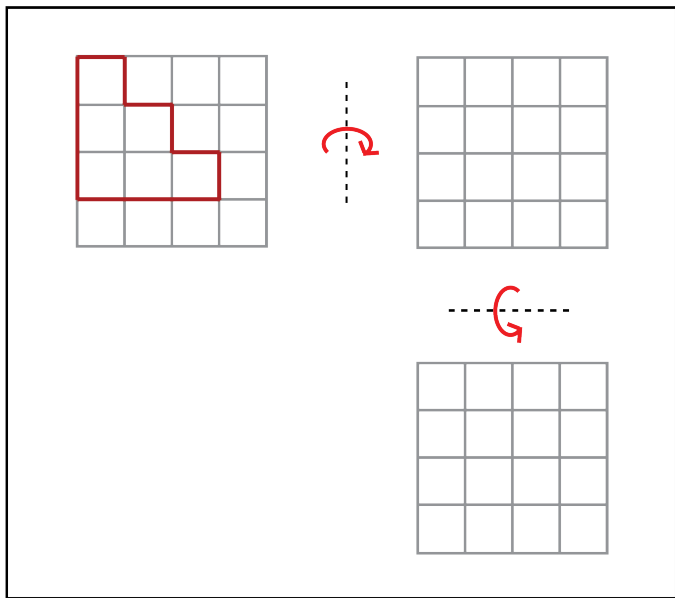
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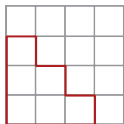
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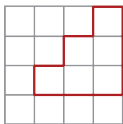
18. 도형을 오른쪽으로 뒤집은 다음 다시 아래쪽으로 뒤집었을 때의 모양은 어느 것입니까?



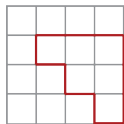
①



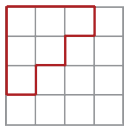
②



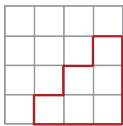
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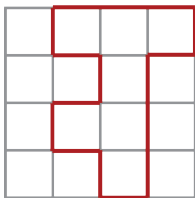
④



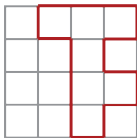
⑤



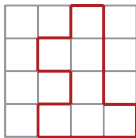
19. 도형을 아래쪽으로 뒤집고 시계 반대 방향으로 270°만큼 돌렸을 때의 도형은 어느 것입니까?



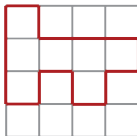
①



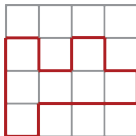
②



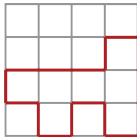
③



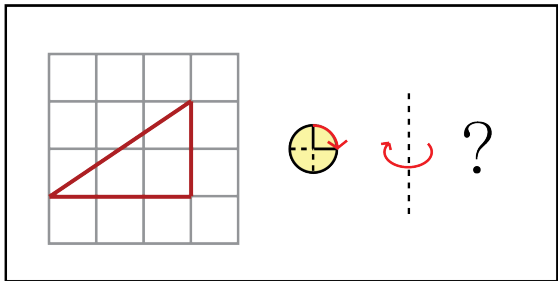
④



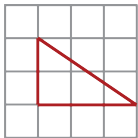
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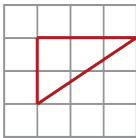
20. 도형을 시계 방향으로 90° 만큼 돌리고 왼쪽으로 뒤집었을 때의 도형은 어느 것입니까?



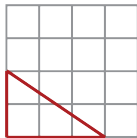
①



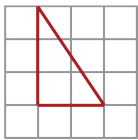
②



③



④



⑤

