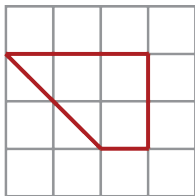
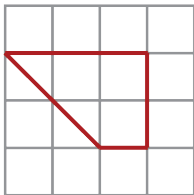


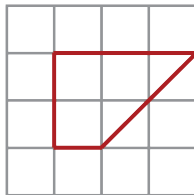
1. 다음 도형을 오른쪽으로 밀었을 때의 도형을 가, 나 중 고르시오.



가

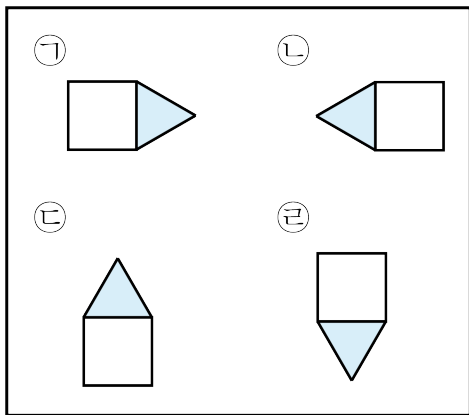
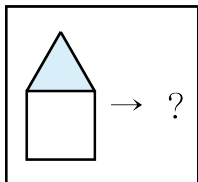


나



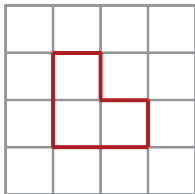
답: _____

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

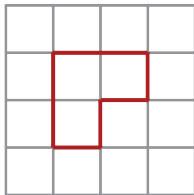


답: _____

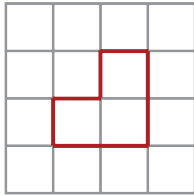
3. 도형을 시계 방향으로 90° 만큼 돌렸을 때의 도형을 가, 나 중 고르시오.



가



나



답: _____

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



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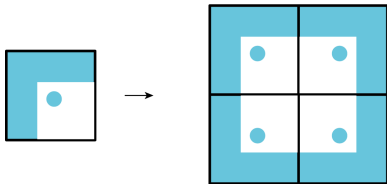
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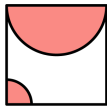
5. 왼쪽 모양을 움직여서 오른쪽 무늬를 만들 수 있는 방법을 모두 쓰시오.



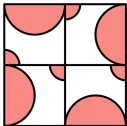
> 답: _____

> 답: _____

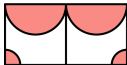
6. 다음 모양을 밀기, 뒤집기, 돌리기를 하여 이어 붙여서 무늬를 만들 때, 만들 수 없는 무늬는 어느 것입니까?



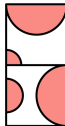
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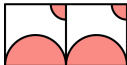
③



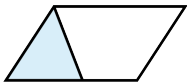
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7. 다음 도형을 위쪽으로 밀었을 때의 도형은 어느 것입니까?



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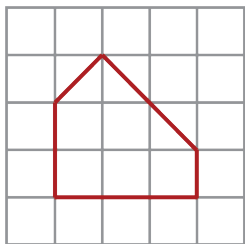
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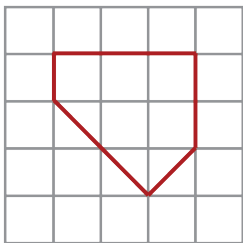
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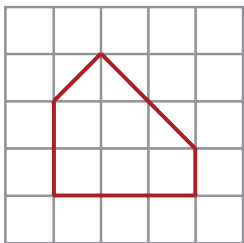
8. 다음 도형을 위쪽으로 밀고 난 다음 다시 왼쪽으로 밀었을 때의 도형을 고르시오.



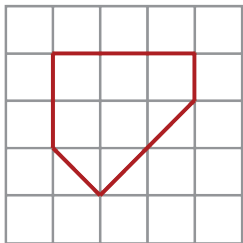
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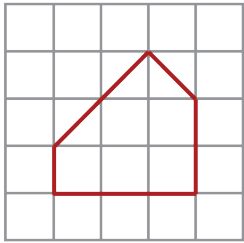
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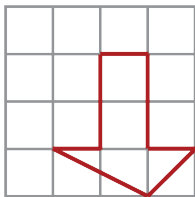


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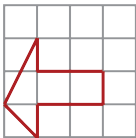


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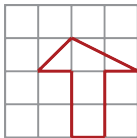
9. 어떤 도형을 시계 방향으로 90° 만큼 돌린 도형이 다음과 같았을 때, 도형의 처음 모양은 어느 것입니까?



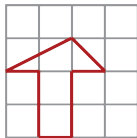
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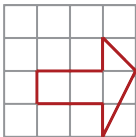
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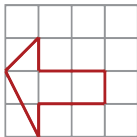
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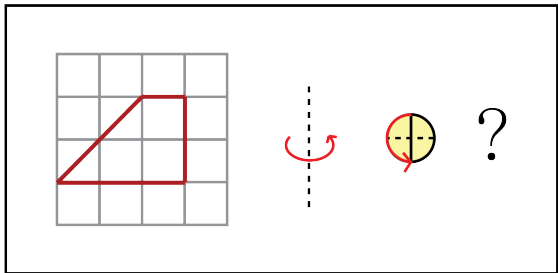
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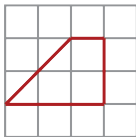
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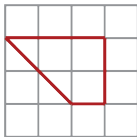
10. 도형을 오른쪽으로 뒤집고 시계 반대 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



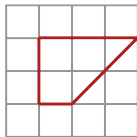
①



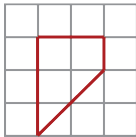
②



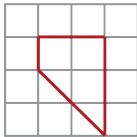
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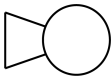


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11. 다음 중 뒤집기 하여 같은 무늬를 얻을 수 있는 것은 어느 것입니까?

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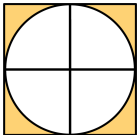
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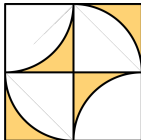
12. 다음 그림과 같은 모양 조각으로 만들 수 없는 무늬는 어느 것인지 고르시오.



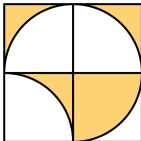
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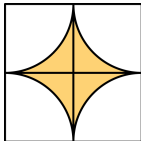
②



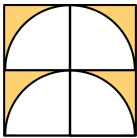
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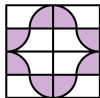


13. 다음은 각각의 모양을 같은 규칙으로 움직여서 새로운 무늬를 만든 것입니다. 규칙이 다른 하나는 어느 것인지 구하시오.

㉠



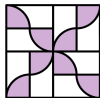
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14. 뒤집기하여 처음과 같은 모양을 얻을 수 없는 알파벳은 모두 몇 개입니까?

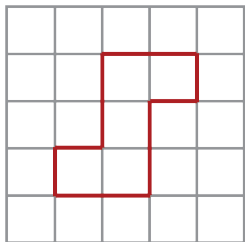
A	B	E	G	H
I	K	L	M	N
O	P	S	T	U



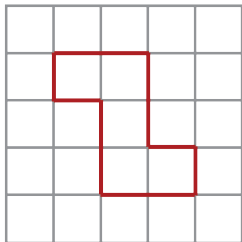
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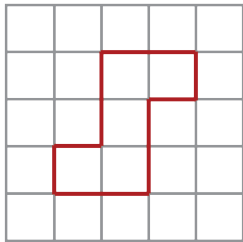
15. 다음 도형을 왼쪽으로 2번 뒤집었을 때의 도형을 고르시오.



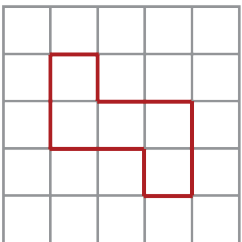
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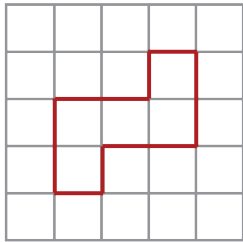
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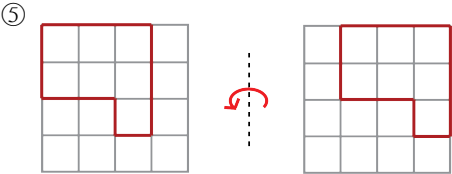
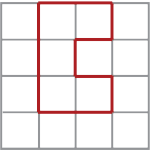
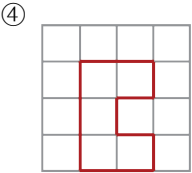
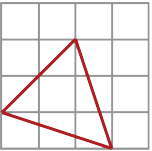
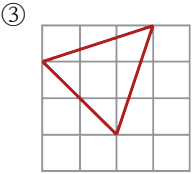
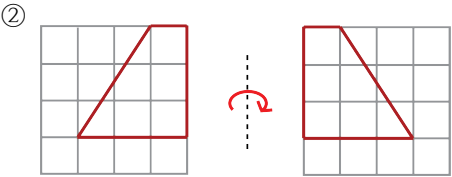
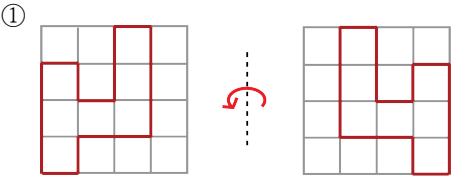


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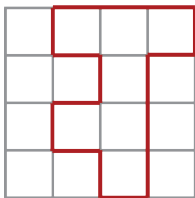


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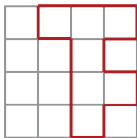
16. 다음 중 도형을 뒤집은 모양이 옳지 않은 것은 어느 것입니까?



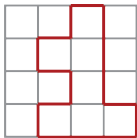
17. 도형을 아래쪽으로 뒤집고 시계 반대 방향으로 270°만큼 돌렸을 때의 도형은 어느 것입니까?



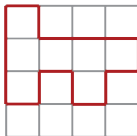
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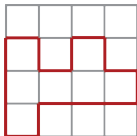
②



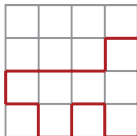
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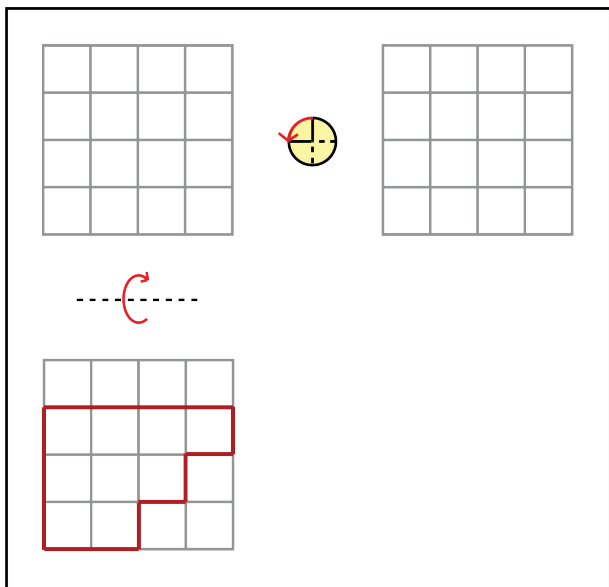
④



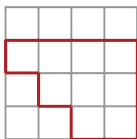
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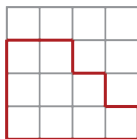
18. 도형을 위쪽으로 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?



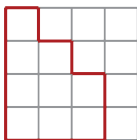
①



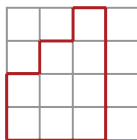
②



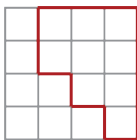
③



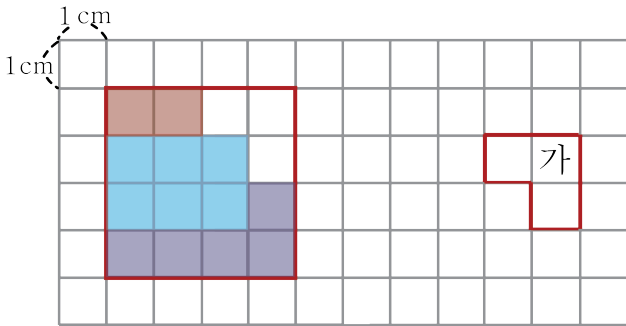
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19. 조각 가를 밀어서 정사각형 모양을 완성하려고 합니다. 설명 중 옳은 것은 어느 것입니까?



- ① 왼쪽으로 4 cm, 위쪽으로 1 cm 밀어야 합니다.
- ② 왼쪽으로 6 cm, 아래쪽으로 1 cm 밀어야 합니다.
- ③ 오른쪽으로 6 cm, 위쪽으로 1 cm 밀어야 합니다.
- ④ 오른쪽으로 4 cm, 아래쪽으로 1 cm 밀어야 합니다.
- ⑤ 왼쪽으로 6 cm, 위쪽으로 1 cm 밀어야 합니다.

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



답: _____