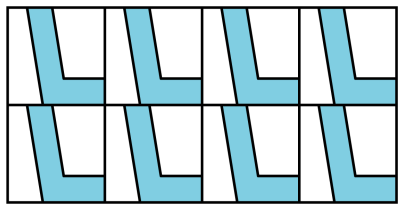
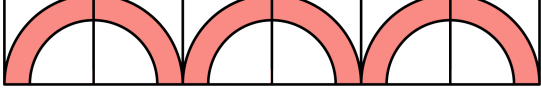


1. 다음 무늬는 모양을 어떻게 사용하였습니까?



- ① 뒤집기 ② 돌리기 ③ 밀기
④ 뒤틀기 ⑤ 뒤집고 돌리기

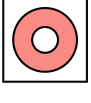
2. 다음 무늬는 어떤 모양을 뒤집어 가며 이어 붙여서 만든 모양입니까?



①



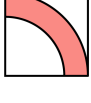
②



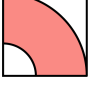
③



④



⑤



3. 바람개비의 날개 부분의 모양을 만드는 방법으로 가장 알맞은 것은 어느 것인지 고르시오.
- ① 겹치고 뒤틀기

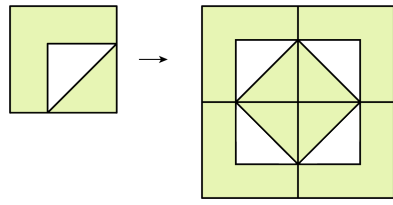
② 뒤집고 밀기

③ 뒤집고 돌리기

④ 돌리기

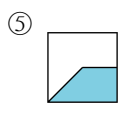
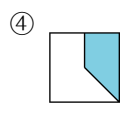
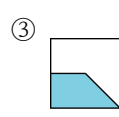
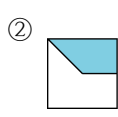
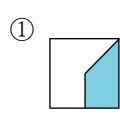
⑤ 밀기

4. 왼쪽 모양을 움직여서 오른쪽 무늬를 만들 수 있는 방법을 모두 고르시오.

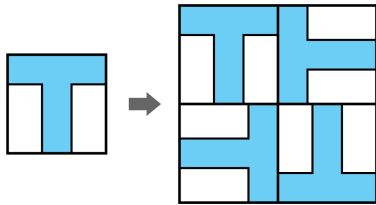


- ① 밀기 ② 뒤집기 ③ 돌리기
④ 뒤틀기 ⑤ 접기

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

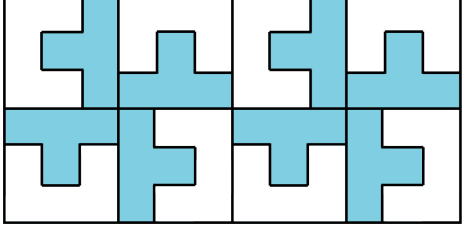


6. 오른쪽 무늬는 왼쪽의 모양을 한 가지 방법으로 움직여서 만든 무늬입니다. 어떻게 움직여서 만든 것입니까?



- ① 밀기 ② 뒤집기 ③ 돌리기
④ 밀고 뒤집기 ⑤ 뒤틀기

7. 다음 무늬는 어떤 모양을 돌리기 한 것입니까?



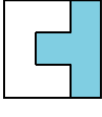
①



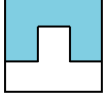
②



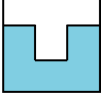
③



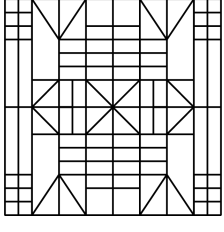
④



⑤



8. 다음 무늬를 움직여서 처음 무늬와 같도록 만들려고 합니다. 움직이는 방법으로 알맞은 것을 모두 고르시오.(답 3개)

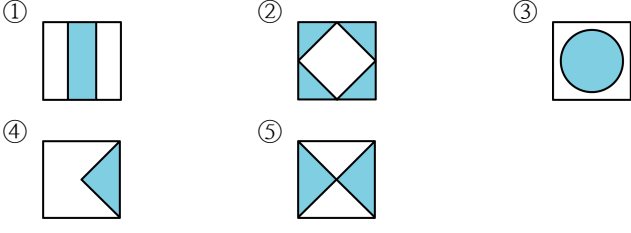


- ① 위로 뒤집기

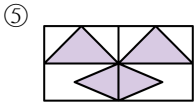
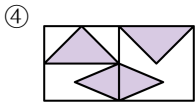
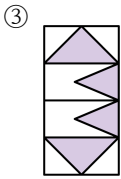
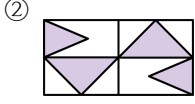
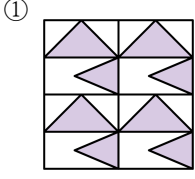
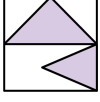
② 왼쪽으로 뒤집기
- ③ 180°로 돌리기

④ 90°로 돌리기
- ⑤ 밀기

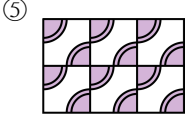
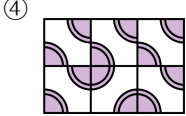
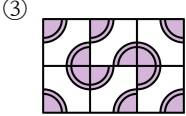
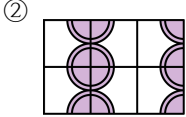
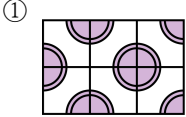
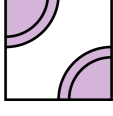
9. 다음 중 뒤집기 한 모양과 밀기 한 모양이 다르게 될 수 있는 것을 고르시오.



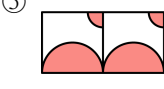
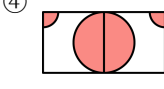
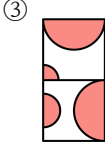
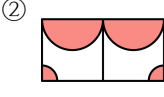
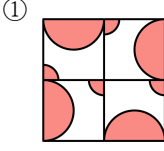
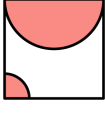
10. 다음 모양을 밀기, 뒤집기, 돌리기를 하여 이어 붙여서
무늬를 만들 때, 만들 수 없는 무늬는 어느 것입니까?



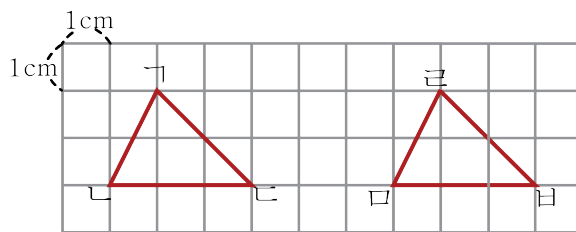
11. 다음 모양을 이어 붙여서 만들 수 없는 무늬는 어느 것입니까?



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

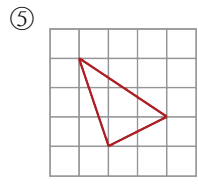
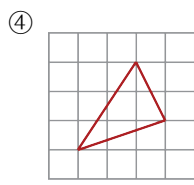
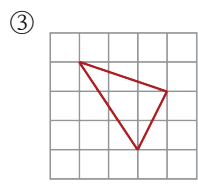
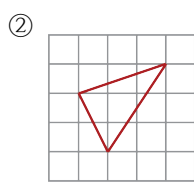
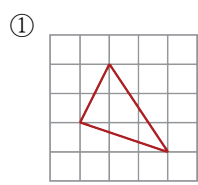
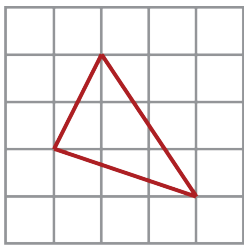


13. 다음 도형의 이동에 대한 설명으로 옳은 것은 어느 것입니까?

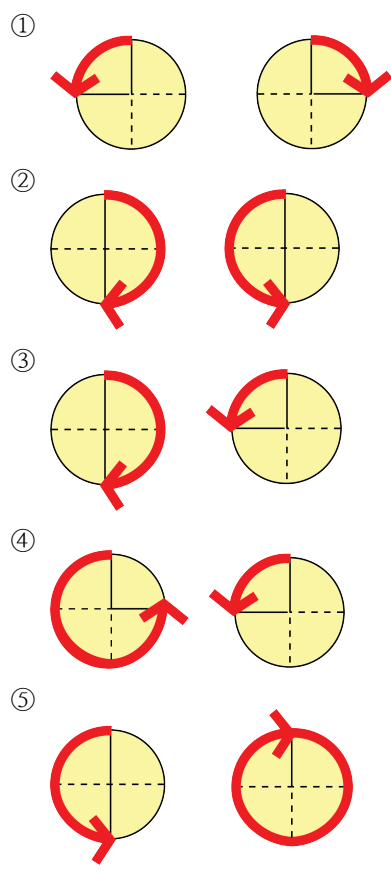


- ① 삼각형 A는 삼각형 B를 왼쪽으로 6 cm 밀었을 때의 모양입니다.
- ② 삼각형 A는 삼각형 B를 오른쪽으로 3 cm 밀었을 때의 모양입니다.
- ③ 삼각형 B는 삼각형 A를 왼쪽으로 6 cm 밀었을 때의 모양입니다.
- ④ 삼각형 B는 삼각형 A를 오른쪽으로 3 cm 밀었을 때의 모양입니다.
- ⑤ 삼각형 B는 삼각형 A를 오른쪽으로 9 cm 밀었을 때의 모양입니다.

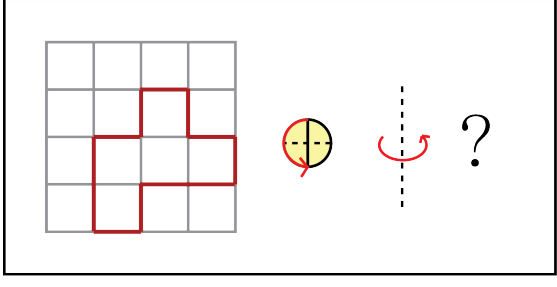
14. 다음 도형을 위쪽으로 6번 뒤집었을 때의 도형은 어느 것입니까?



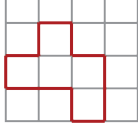
15. 다음 중 도형을 주어진 방향으로 돌렸을 때 같은 모양이 되는 것은 어느 것입니까?



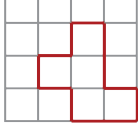
16. 도형을 시계 반대 방향으로 180°만큼 돌리고 오른쪽으로 뒤집었을 때의 도형은 어느 것입니까?



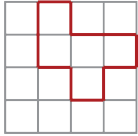
①



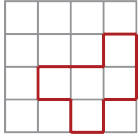
②



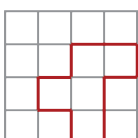
③



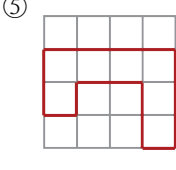
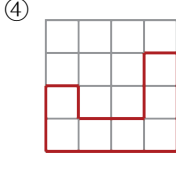
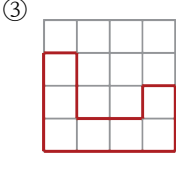
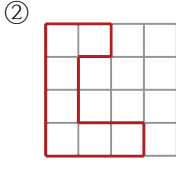
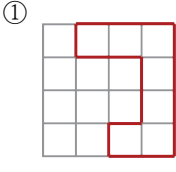
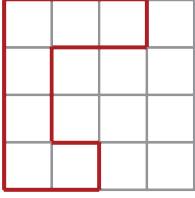
④



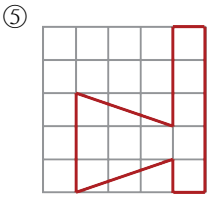
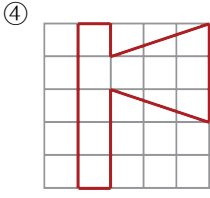
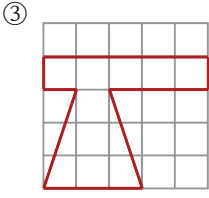
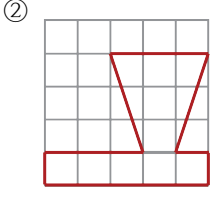
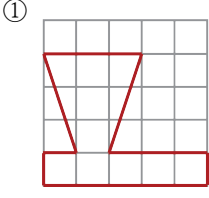
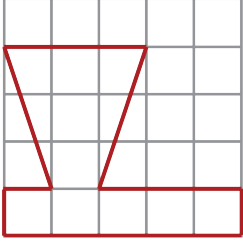
⑤



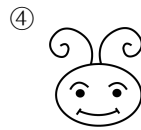
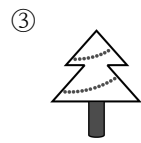
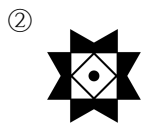
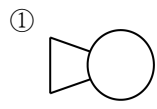
17. 도형을 아래쪽으로 뒤집고 시계 방향으로 180°만큼 돌렸을 때의 도형은 어느 것입니까?



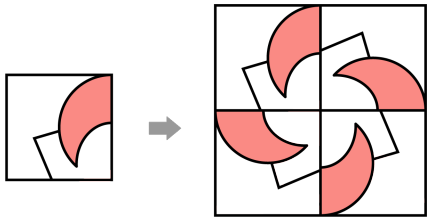
18. 도형을 아래쪽으로 4번 뒤집고 시계 반대 방향으로 90°만큼 돌렸을 때의 도형은 어느 것입니까?



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



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



- ① 밀기
- ② 뒤집기
- ③ 돌리기
- ④ 밀고 뒤집기
- ⑤ 뒤집고 돌리기