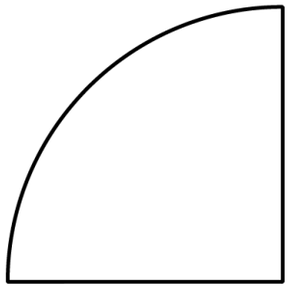
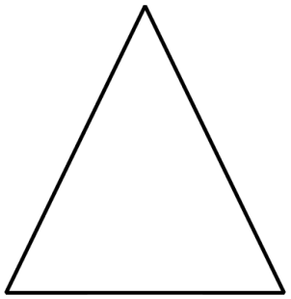
1. 다음 중 점대칭도형은 모두 몇 개입니까?

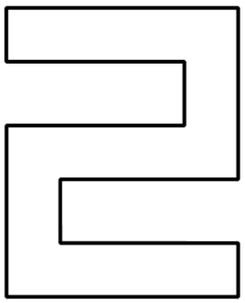
가



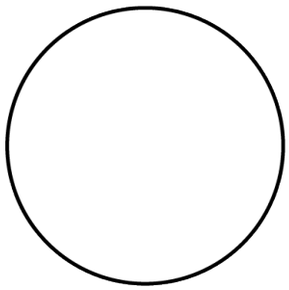
나



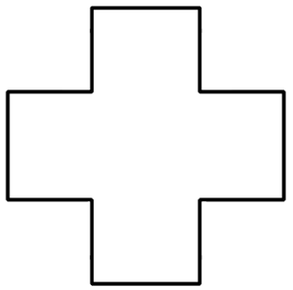
다



라



마



▶ 답 :

▷ 정답 : 3 개

해설

선대칭도형 : 가, 나, 라, 마
점대칭도형 : 다, 라, 마
→ 3 개

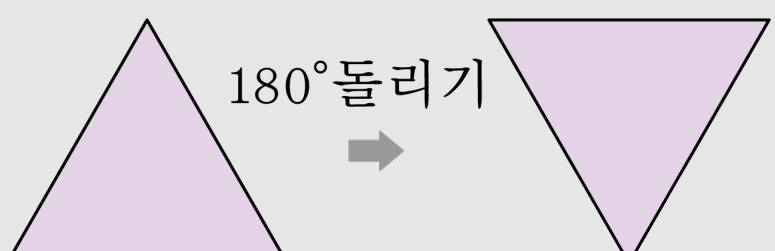
2. 다음 도형 중 점대칭도형이 아닌 것은 어느 것입니까?

① 원　② 평행사변형　③ 정삼각형

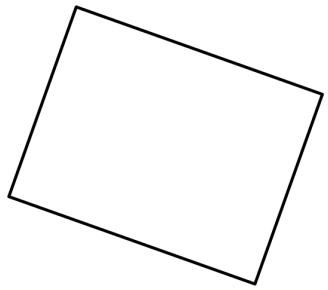
④ 정사각형　⑤ 직사각형

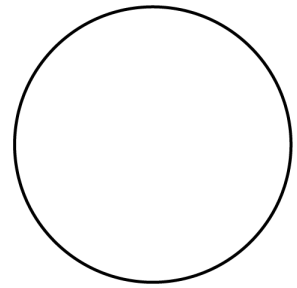
해설

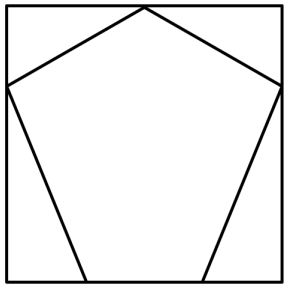
정삼각형을 180° 돌리면 위, 아래가 바뀐 모양이 되며 완전히 겹쳐지지 않습니다.

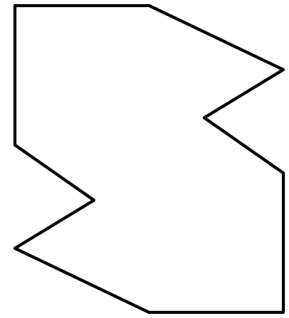


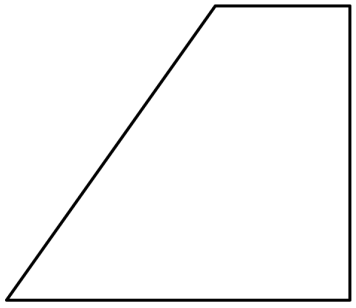
3. 다음 중에서 점대칭도형을 모두 고르시오.

① 

② 

③ 

④ 

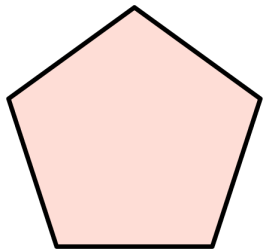
⑤ 

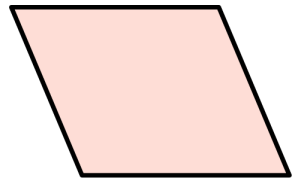
해설

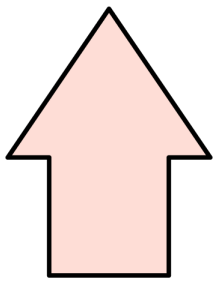
③은 선대칭도형입니다.

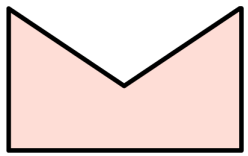
4. 다음 중 점대칭도형은 어느 것입니까?

①

② 

③ 

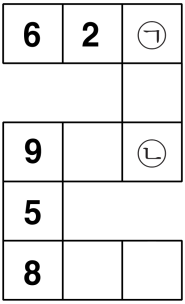
④ 

⑤ 

해설

한 점을 중심으로 180° 돌렸을 때,
처음 도형과 완전히 겹쳐지는 도형을
점대칭도형이라 하고, 그 점을 대칭의 중심이라고 합니다.

5. 다음은 점대칭도형입니다. ㉠, ㉡에 알맞은 숫자를 차례대로 쓰시오.



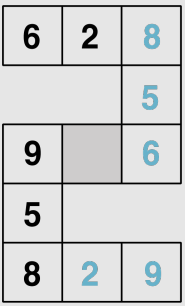
▶ 답 :

▶ 답 :

▷ 정답 : 8

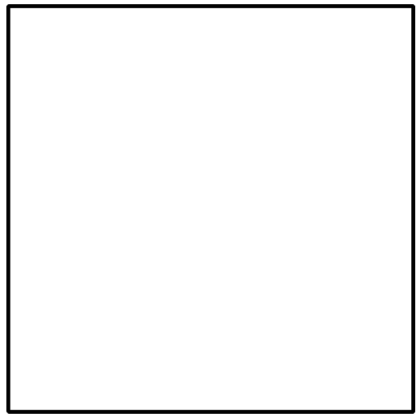
▷ 정답 : 6

해설



색칠한 부분에 알맞은 숫자는 점대칭이 될 수 있는 0, 1, 2, 5, 8 입니다. 나머지 빈 칸에는 주어진 숫자와 점대칭 위치에 있는 숫자를 써 넣으면 됩니다.

6. 정사각형은 점대칭도형입니다. 대칭의 중심은 몇 개입니까?



▶ 답 : _____ 개

▷ 정답 : 1 개

해설

점대칭도형에서 대칭의 중심은 하나입니다.