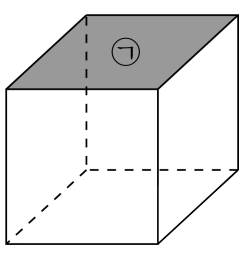
1. 정육면체에서 면㉠을 본 뜬 모양은 어느 것인지 고르시오.

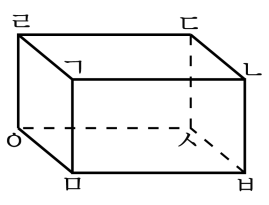


① 평행사변형 ② 직사각형 ③ 사다리꼴
④ 정사각형 ⑤ 마름모

해설

크기가 같은 정사각형 6개로 둘러싸인 도형을 정육면체라 합니다.

2. 다음 직육면체를 보고, 모서리 ㄱㅁ과 평행인 모서리를 모두 찾으시오.

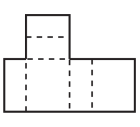


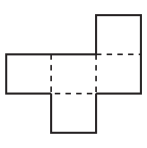
① 모서리 ㅇㅅ ② 모서리 ㄹㅇ ③ 모서리 ㄴㄷ
④ 모서리 ㄴㅂ ⑤ 모서리 ㄷㅅ

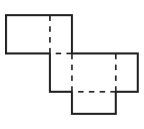
해설

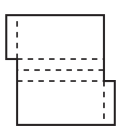
모서리 ㄱㅁ과 평행한 모서리는 모서리 ㄹㅇ, 모서리 ㄴㅂ, 모서리 ㄷㅅ이 있습니다.

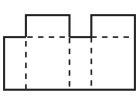
3. 직육면체의 전개도를 바르게 그린 것은 어느 것입니까?

① 

② 

③ 

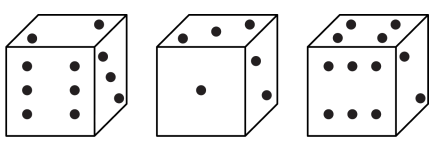
④ 

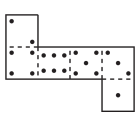
⑤ 

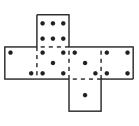
해설

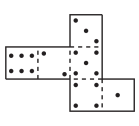
직육면체의 전개도를 접으면 같은 모양이 그려진 면들이 서로 평행한 직육면체가 만들어집니다.

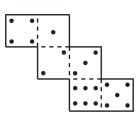
4. 다음은 한 개의 주사위를 세 방향에서 본 것입니다. 이 주사위의 전개도로 알맞은 것은 어느 것인지 고르시오.

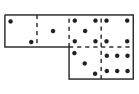


① 

② 

③ 

④ 

⑤ 

해설