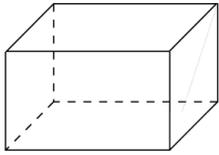


1. 다음 중 직육면체의 면이 될 수 있는 것을 모두 고른 것은 어느 것입니까?



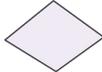
①



②



③



④



⑤



2. 다음 중 직육면체가 아닌 것을 모두 고르시오.

①



②



③



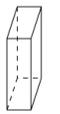
④



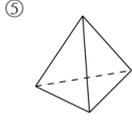
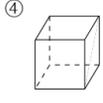
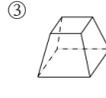
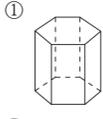
⑤



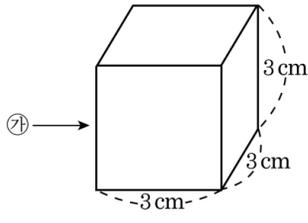
⑥



3. 다음 중 직육면체는 어느 것인지 고르시오.

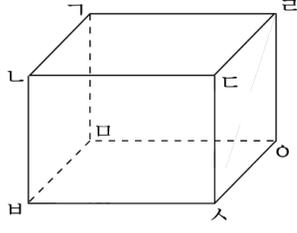


4. 다음 도형을 ㉠방향에서 보면 어떤 모양이겠습니까?



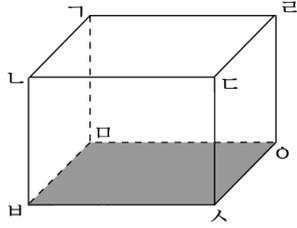
- ① 정사각형 ② 직사각형 ③ 마름모
④ 평행사변형 ⑤ 사다리꼴

5. 다음 직육면체에서 변 KL 은 어느 면과 어느 면이 만나서 이루는 모서리입니까?



- ① 면 $KLCD$ 과 면 $KMOE$
- ② 면 $KLHM$ 과 면 $KMOE$
- ③ 면 $KLCD$ 과 면 $KLHM$
- ④ 면 $KLHM$ 과 면 $LHSC$
- ⑤ 면 $KLCD$ 과 면 $KMOE$

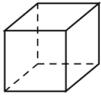
6. 아래 직육면체에서 면 $ABCO$ 와 평행한 면을 찾아보시오.



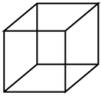
- ① 면 $LBSC$ ② 면 $GLDC$ ③ 면 $DCOE$
④ 면 $GFOR$ ⑤ 면 $LBFG$

7. 직육면체의 겨냥도를 바르게 그린 것은 어느 것입니까?

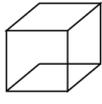
①



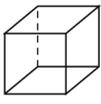
②



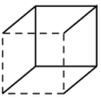
③



④

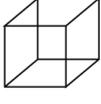


⑤

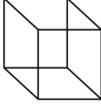


8. 다음 그림 중에서 직육면체의 겨냥도를 바르게 그린 것을 찾으시오.

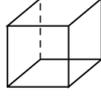
①



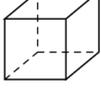
②



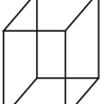
③



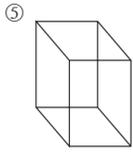
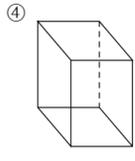
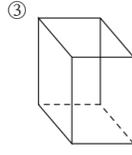
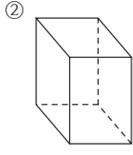
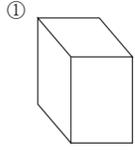
④



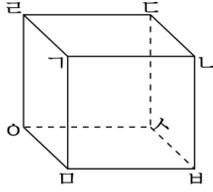
⑤



9. 직육면체의 겨냥도를 바르게 그린 것은 어느 것입니까?

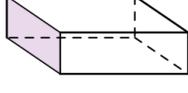


10. 다음 직육면체에서 면 $LBSC$ 와 평행인 면은 어느 면입니까?



- ① 면 $KLHB$ ② 면 $KLCS$ ③ 면 $KLCS$
 ④ 면 $CSHB$ ⑤ 면 $CSHB$

11. 다음 직육면체의 색칠한 면은 실제로 어떤 모양입니까?



①



②



③



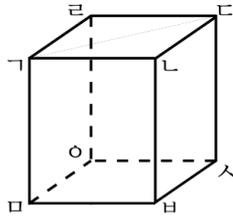
④



⑤

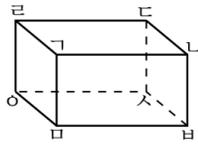


12. 정육면체에서 면 $ABCD$ 와 모양과 크기가 같은 면은 면 $ABCD$ 를 포함하여 모두 몇 개인지 고르시오.



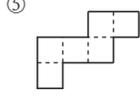
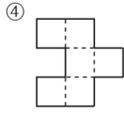
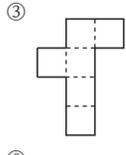
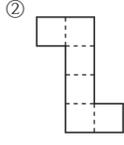
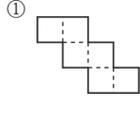
- ① 2개 ② 3개 ③ 4개 ④ 5개 ⑤ 6개

13. 다음 직육면체를 보고, 모서리 $\Gamma\Delta$ 와 평행인 모서리를 모두 찾으시오.

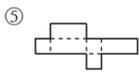
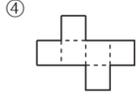
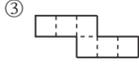
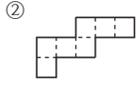
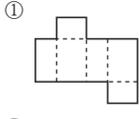


- ① 모서리 $ㅇㅅ$ ② 모서리 $ㄱㅇ$ ③ 모서리 $ㄴㅅ$
 ④ 모서리 $ㄴㅂ$ ⑤ 모서리 $ㄷㅅ$

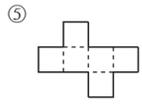
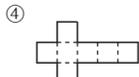
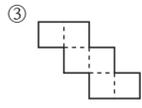
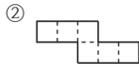
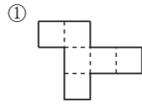
14. 다음 중 정육면체의 전개도가 아닌 것은 어느 것입니까?



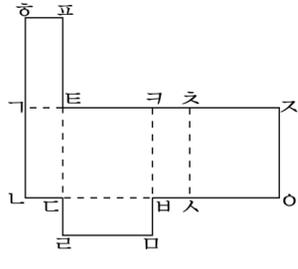
15. 직육면체의 전개도를 모두 찾으시오.



16. 다음 중 정육면체의 전개도가 아닌 것은 어느 것인가?

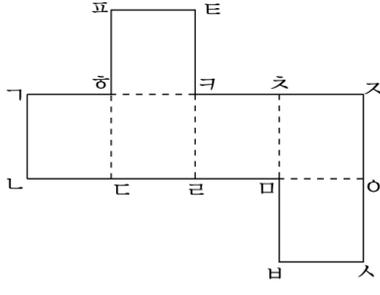


17. 다음 전개도로 직육면체를 만들었을 때, 선분 $ㅎ$ 과 맞닿는 선분은 어느 것입니까?



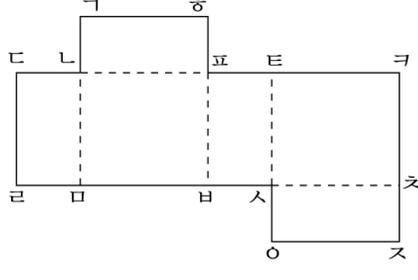
- ① 선분 $ㄷ$ ② 선분 $ㅋ$ ③ 선분 $스$
 ④ 선분 $ㄷ$ ⑤ 선분 $ㅁ$

18. 직육면체를 만들 때, 변 $ㄷ$ 과 붙는 변을 찾으시오.



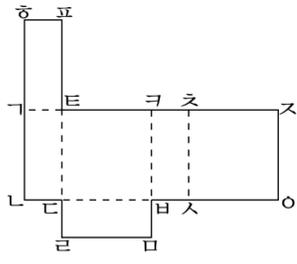
- ① 변 ㅍㅈ ② 변 ㄱㄷ ③ 변 ㅅㅈ
- ④ 변 ㅈㅅ ⑤ 변 ㅅㅊ

19. 다음 전개도로 직육면체를 만들었을 때, 면 스오스 와 평행인 면은 어느 것입니까?



- ① 면 ㄷ르르ㄴ ② 면 ㄴ오르표 ③ 면 ㄱㄴ표ㅎ
 ④ 면 표르사ㅈ ⑤ 면 에스츠ㅋ

20. 직육면체의 전개도를 보고, 면 $\square\text{ABCD}$ 와 평행인 면을 찾으시오.



- ① 면 $\square\text{LCE}$ ② 면 $\square\text{EHO}$ ③ 면 $\square\text{CHO}$
 ④ 면 $\square\text{HCS}$ ⑤ 면 $\square\text{CSO}$

21. 직육면체의 특징을 나열한 것 입니다. 이 중에서 직육면체의 특징이 아닌 것을 모두 찾아보시오.

- ㉠ 면이 6개입니다.
- ㉡ 정사각형으로 둘러싸여 있습니다.
- ㉢ 모서리의 길이가 모두 같습니다.
- ㉣ 꼭짓점이 8개입니다.
- ㉤ 면의 크기와 모양이 모두 같습니다.

① ㉡, ㉠, ㉣

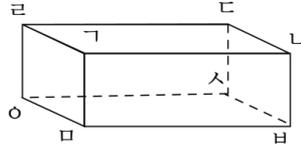
② ㉡, ㉣, ㉤

③ ㉠, ㉣, ㉤

④ ㉣, ㉡, ㉤

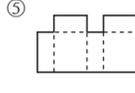
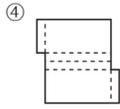
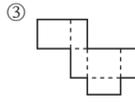
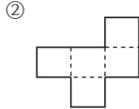
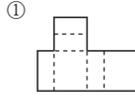
⑤ ㉠, ㉡, ㉤

22. 다음 직육면체를 보고, 보이는 면을 모두 쓰시오.

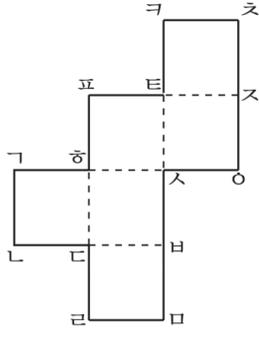


- ① 면 ㄱㄴㄷㅇ ② 면 ㄱㅁㅂㄴ ③ 면 ㄹㅇㅂㄷ
 ④ 면 ㄹㅇㅁㄷ ⑤ 면 ㅇㅁㅂㅂ

23. 직육면체의 전개도를 바르게 그린 것은 어느 것입니까?

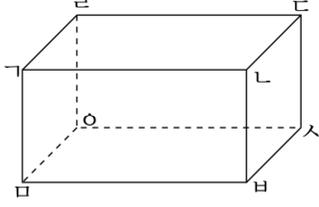


24. 다음 전개도를 접어 정육면체를 만들 때, 점 ㄷ과 만나는 점을 모두 고르시오.



- ① 점 ㅍ ② 점 ㄱ ③ 점 ㄴ ④ 점 ㄹ ⑤ 점 ㅌ

25. 다음 직육면체에서 모서리 LD 와 수직인 면을 모두 찾으시오.



- ① 면 $LBAC$ ② 면 $GLBF$ ③ 면 $DBAC$
 ④ 면 $GLDE$ ⑤ 면 $LDAC$