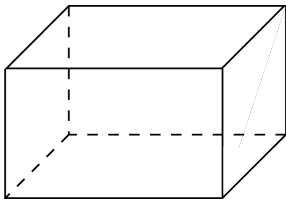
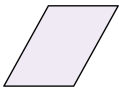


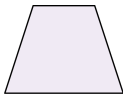
1. 다음 중 직육면체의 면이 될 수 있는 것을 모두 고른 것은 어느 것입니까?



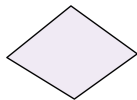
①



②



③



④



⑤

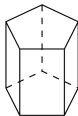


2. 다음 중 직육면체가 아닌 것을 모두 고르시오.

①



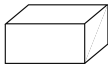
②



③



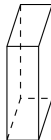
④



⑤

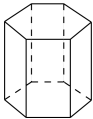


⑥



3. 다음 중 직육면체는 어느 것인지 고르시오.

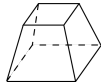
①



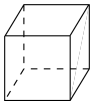
②



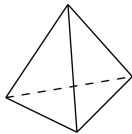
③



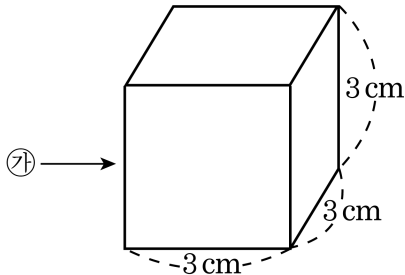
④



⑤



4. 다음 도형을 ㉠방향에서 보면 어떤 모양이겠습니까?



① 정사각형

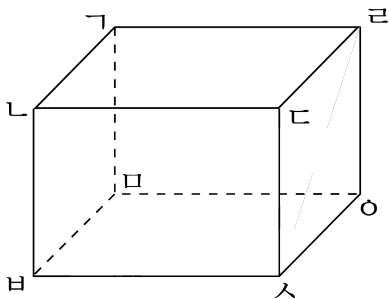
② 직사각형

③ 마름모

④ 평행사변형

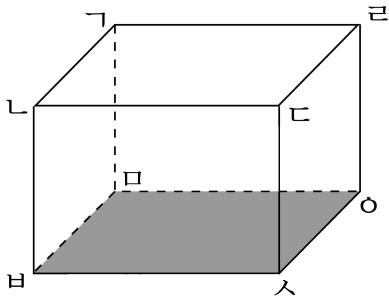
⑤ 사다리꼴

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



- ① 면 $ㄱㄴㄷㄹ$ 과 면 $ㄱㅁㅂㄴ$
- ② 면 $ㄱㄴㅂㅁ$ 과 면 $ㄱㅁㅂㄴ$
- ③ 면 $ㄱㄴㄷㄹ$ 과 면 $ㄱㄴㅂㅁ$
- ④ 면 $ㄱㄴㅂㅁ$ 과 면 $ㄴㅂㅅㄷ$
- ⑤ 면 $ㄱㄴㄷㄹ$ 과 면 $ㄱㅁㅂㄴ$

6. 아래 직육면체에서 면 $\square \text{H} \text{A} \text{O}$ 와 평행한 면을 찾아보시오.



① 면 $\text{L} \text{H} \text{A} \text{C}$

② 면 $\text{G} \text{L} \text{C} \text{K}$

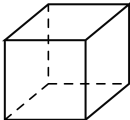
③ 면 $\text{C} \text{A} \text{O} \text{K}$

④ 면 $\text{G} \text{O} \text{A} \text{K}$

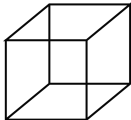
⑤ 면 $\text{L} \text{H} \text{O} \text{G}$

7. 직육면체의 겨냥도를 바르게 그린 것은 어느 것입니까?

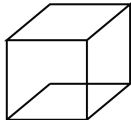
①



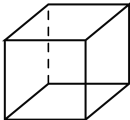
②



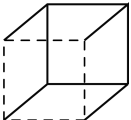
③



④

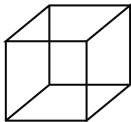


⑤

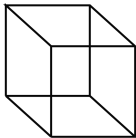


8. 다음 그림 중에서 직육면체의 겨냥도를 바르게 그린 것을 찾으시오.

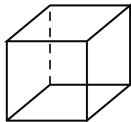
①



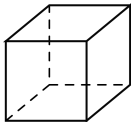
②



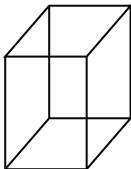
③



④

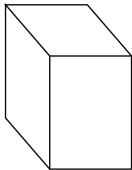


⑤

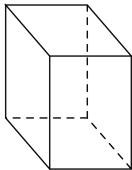


9. 직육면체의 겨냥도를 바르게 그린 것은 어느 것입니까?

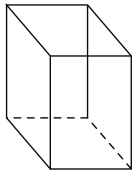
①



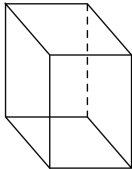
②



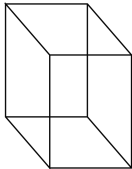
③



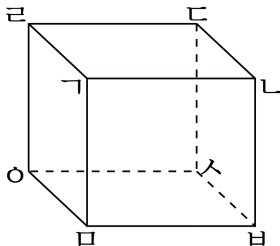
④



⑤



10. 다음 직육면체에서 면 $\angle \text{BCD}$ 과 평행인 면은 어느 면입니까?



① 면 $\angle \text{ABD}$

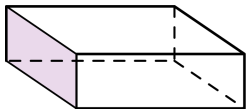
② 면 $\angle \text{ACD}$

③ 면 $\angle \text{BCD}$

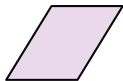
④ 면 $\angle \text{EFG}$

⑤ 면 $\angle \text{FGH}$

11. 다음 직육면체의 색칠한 면은 실제로 어떤 모양입니까?



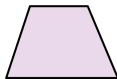
①



②



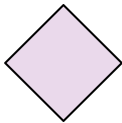
③



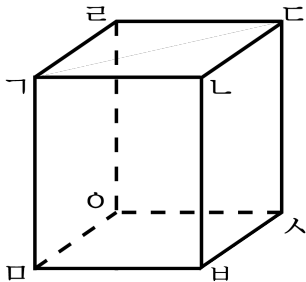
④



⑤



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



① 2개

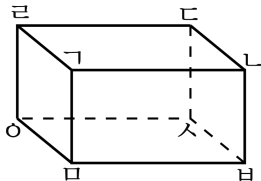
② 3개

③ 4개

④ 5개

⑤ 6개

13. 다음 직육면체를 보고, 모서리 $\neg \square$ 와 평행인 모서리를 모두 찾으시오.



① 모서리 $\circ \s$

② 모서리 $\neg \circ$

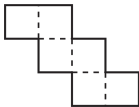
③ 모서리 $\neg \neg$

④ 모서리 $\neg \neg$

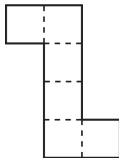
⑤ 모서리 $\neg \s$

14. 다음 중 정육면체의 전개도가 아닌 것은 어느 것입니까?

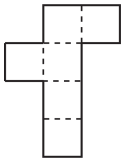
①



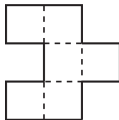
②



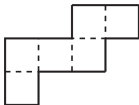
③



④

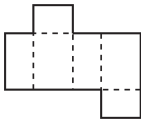


⑤

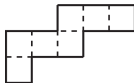


15. 직육면체의 전개도를 모두 찾으시오.

①



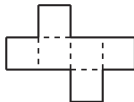
②



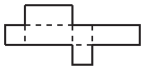
③



④

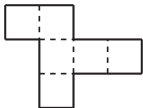


⑤

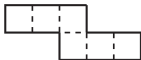


16. 다음 중 정육면체의 전개도가 아닌 것은 어느 것인가?

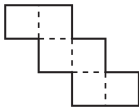
①



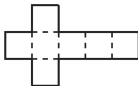
②



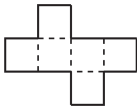
③



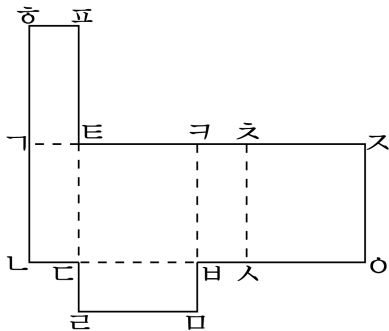
④



⑤

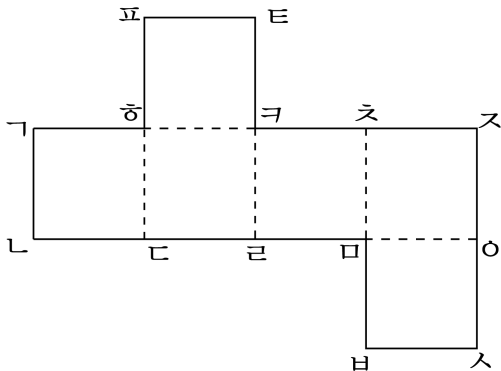


17. 다음 전개도로 직육면체를 만들었을 때, 선분 $\overline{HG}$ 과 맞닿는 선분은 어느 것입니까?



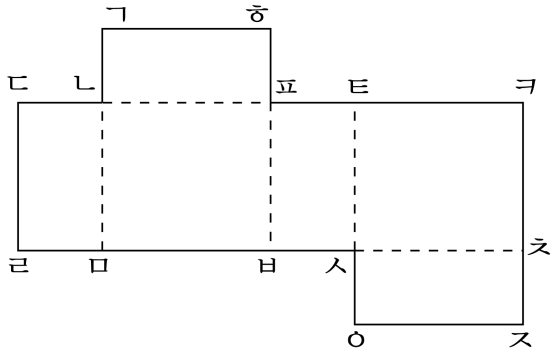
- ① 선분 $\overline{EG}$ ② 선분 $\overline{GD}$ ③ 선분 $\overline{DE}$
 ④ 선분 $\overline{LB}$ ⑤ 선분 $\overline{OE}$

18. 직육면체를 만들 때, 변 a 와 붙는 변을 찾으시오.



- ① 변 □ ㅁ ② 변 ㄴ ㄷ ③ 변 ○ ㅅ
④ 변 ㅁ ㅅ ⑤ 변 ㅈ ○

19. 다음 전개도로 직육면체를 만들었을 때, 면 ㄷ 과 ㄹ 과 평행인 면은 어느 것입니까?



① 면 ㄷ 과 ㄱ

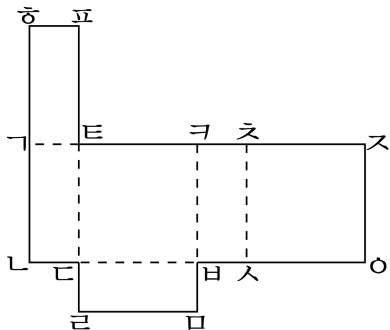
② 면 ㄴ 과 ㄹ

③ 면 ㄷ 과 ㄹ

④ 면 ㄷ 과 ㄹ

⑤ 면 ㄷ 과 ㄹ

20. 직육면체의 전개도를 보고, 면 Γ 과 $\square$ 와 평행인 면을 찾으시오.



① 면 Γ 과 $\square$

② 면 Γ 과 표

③ 면 $\square$ 과 표

④ 면 $\square$ 과 ㅅ

⑤ 면 $\square$ 과 ㅇ

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 ㉡, ㉢, ㉣

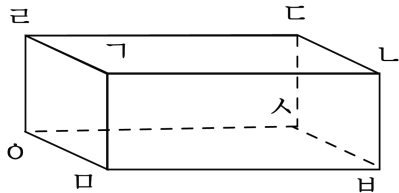
② ㉡, ㉢, ㉤

③ ㉢, ㉣, ㉤

④ ㉢, ㉣, ㉤

⑤ ㉢, ㉣, ㉤

22. 다음 직육면체를 보고, 보이는 면을 모두 쓰시오.



① 면 ㄱ ㄴ ㄷ ㄷ

② 면 ㄱ ㄷ ㄷ ㄷ

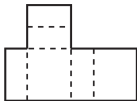
③ 면 ㄱ ㄷ ㄷ ㄷ

④ 면 ㄱ ㄷ ㄷ ㄷ

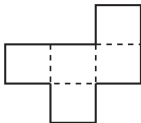
⑤ 면 ㄱ ㄷ ㄷ ㄷ

23. 직육면체의 전개도를 바르게 그린 것은 어느 것입니까?

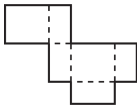
①



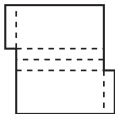
②



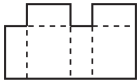
③



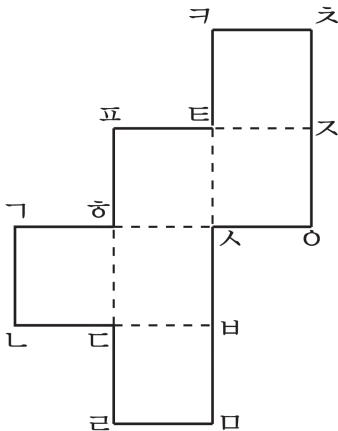
④



⑤

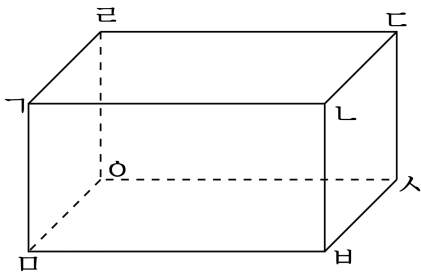


24. 다음 전개도를 접어 정육면체를 만들 때, 점ㄷ과 만나는 점을 모두 고르시오.



- ① 점 ㄹ ② 점 ㄱ ③ 점 ㄴ ④ 점 ㅋ ⑤ 점 ㅈ

25. 다음 직육면체에서 모서리 $\angle$ 과 수직인 면을 모두 찾으시오.



① 면 $\angle$ ㅂㅅㄷ

② 면 $\angle$ ㄴㅂㅁ

③ 면 $\angle$ ㅁㅂㅅㅇ

④ 면 $\angle$ ㄴㄷㄹ

⑤ 면 $\angle$ ㄹㄷㅅㅇ