

1. () 안에 알맞은 말을 순서대로 바르게 짝지은 것은 어느 것입니까?

두 직선이 만나서 이루는 각이 () 일 때, 두 직선은 서로 () 이라고 합니다.

① 직각, 평행

② 직각, 수직

③ 평행, 직각

④ 수직, 직각

⑤ 평행, 평행

2. 안에 알맞은 말로 짝지어진 것은 어느 것입니까?

두 직선이 서로 일 때, 한 직선은 다른 직선에 대한
 이라고 합니다.

① 수직, 평행

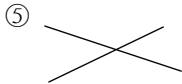
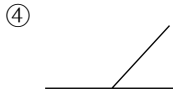
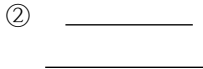
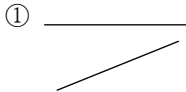
② 수직, 수선

③ 평행, 수선

④ 평행, 수직

⑤ 수직, 수직

3. 다음 중 두 직선이 수직인 것은 어느 것입니까?



4. 다음 중 두 직선이 서로 수직인 것은 어느 것입니까?

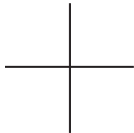
①



②



③



④

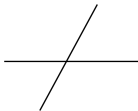


⑤

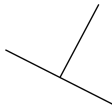


5. 두 직선이 서로 수직인 것은 어느 것입니까?

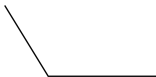
①



②



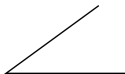
③



④

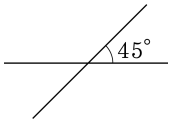


⑤

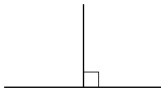


6. 두 직선이 서로 수직인 것은 어느 것입니까?

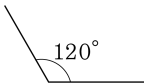
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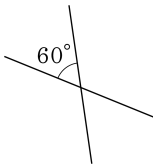
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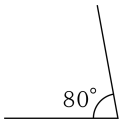
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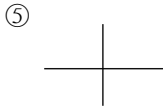
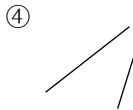
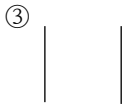
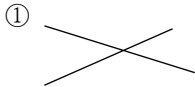
④



⑤

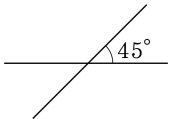


7. 다음 중 두 직선이 서로 수직인 것은 어느 것입니까?

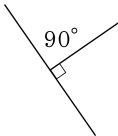


8. 두 직선이 서로 수직인 것은 어느 것입니까?

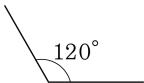
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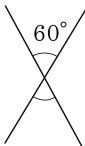
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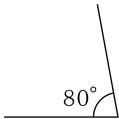
③



④

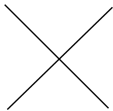


⑤



9. 두 직선이 서로 수직이 아닌 것을 고르시오.

①



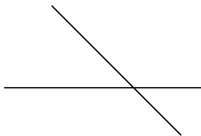
②



③



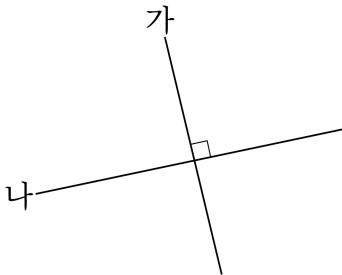
④



⑤



10. 다음 그림에서 두 직선 가, 나가 서로 수직으로 만날 때, 직선 가에 평행이면서 직선 나에 수직인 선분은 몇 개나 그을 수 있습니까?



① 2개

② 3개

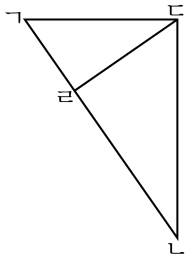
③ 5개

④ 수없이 많다.

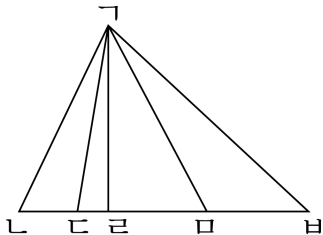
⑤ 10개

11. 다음 도형에서 선분 $\overline{KL}$ 에 대한 수선은 어느 것입니까?

- ① 선분 $\overline{JK}$
- ② 선분 $\overline{LK}$
- ③ 선분 $\overline{CK}$
- ④ 선분 $\overline{JK}$ 과 선분 $\overline{CK}$
- ⑤ 선분 $\overline{LK}$ 과 선분 $\overline{CK}$



12. 다음 도형에서 변 $ㄴㅅ$ 에 대한 수선은 어느 것입니까?



① 선분 $ㄱㄴ$

② 선분 $ㄱㄷ$

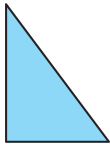
③ 선분 $ㄱㄹ$

④ 선분 $ㄱㅁ$

⑤ 선분 $ㄱㅅ$

13. 다음 중 수직인 변이 없는 도형은 어느 것입니까?

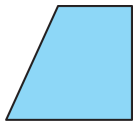
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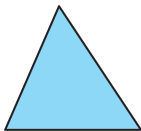
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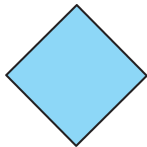
③



④



⑤

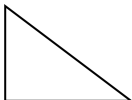


14. 다음 도형 중 수직인 변이 없는 것을 찾으시오.

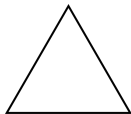
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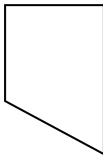
②



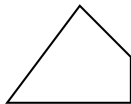
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④

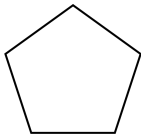


⑤



15. 다음 중 수선을 찾을 수 있는 것은 어느 것입니까?

①



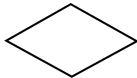
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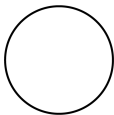
③



④

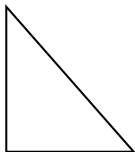


⑤

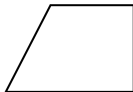


16. 다음 중 수직인 변이 가장 많은 것은 어느 것입니까?

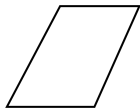
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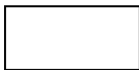
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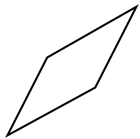
③



④

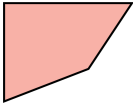


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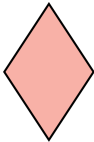


17. 수직으로 만나는 변이 없는 도형은 어느 것입니까?

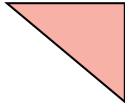
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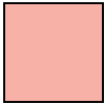
②



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④

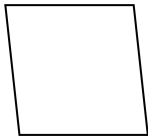


⑤

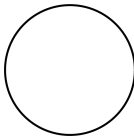


18. 다음 중 직각이 2개 있는 도형은 어느 것입니까?

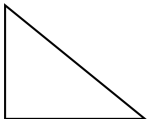
①



②



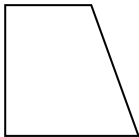
③



④



⑤

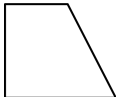


19. 다음 중 수선을 찾을 수 없는 도형을 모두 고르시오.

①



②



③



④

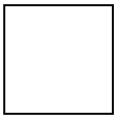


⑤



20. 다음 중 수선을 찾을 수 없는 도형을 모두 고르시오.

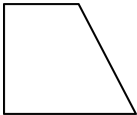
①



②



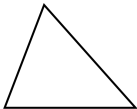
③



④



⑤

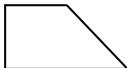


21. 다음 중 평행선과 수선을 모두 갖고 있는 도형은 어느 것입니까?

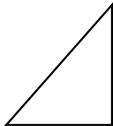
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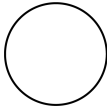
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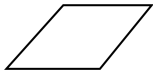
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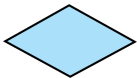


⑤



22. 다음 중 수선을 찾을 수 있는 것은 어느 것입니까?

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②



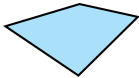
③



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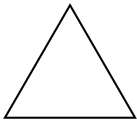


⑤



23. 다음 중 수선을 찾을 수 있는 도형은 어느 것입니까?

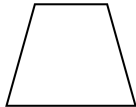
①



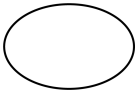
②



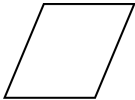
③



④

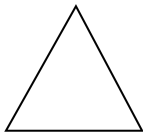


⑤

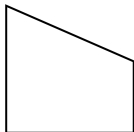


24. 다음 도형 중에서 수직인 두 변이 있는 도형을 모두 고르시오.

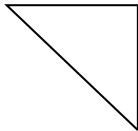
①



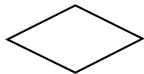
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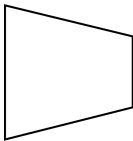
③



④

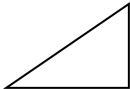


⑤

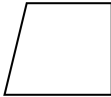


25. 수직인 두 변이 4쌍 있는 도형은 어느 것입니까?

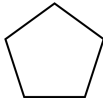
①



②



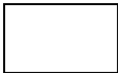
③



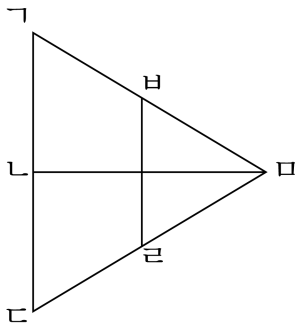
④



⑤



26. 다음 도형 중 수직 관계인 선분을 바르게 찾은 것을 모두 고르시오.



① 선분 가다와 선분 나바

② 선분 가다와 선분 바라

③ 선분 가다와 선분 다라

④ 선분 바라와 선분 라바

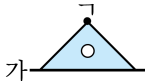
⑤ 선분 바라와 선분 나바

27. 점 ㄱ에서 직선 가에 수선을 그으려고 합니다. 바르게 그은 그림을 고르시오.

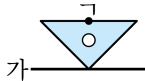
ㄱ

가 —————

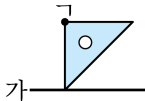
①



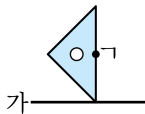
②



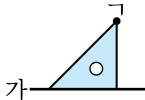
③



④



⑤

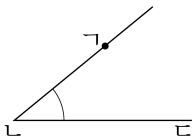


28. 점 P 을 지나고 직선 l 에 대한 수선을 바르게 그린 것을 고르시오.

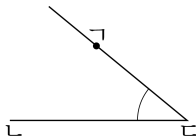
P

l ————— l

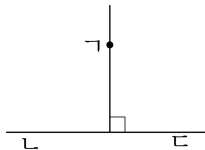
①



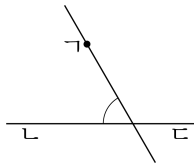
②



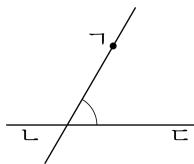
③



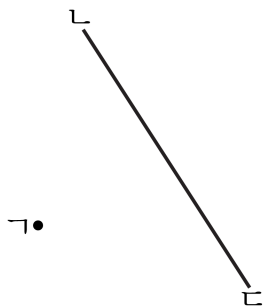
④



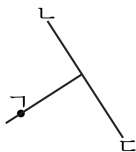
⑤



29. 점 P 을 지나고 직선 l 에 대한 수선을 바르게 그린 것을 고르시오.



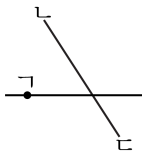
①



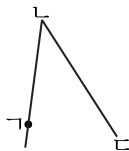
②



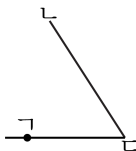
③



④

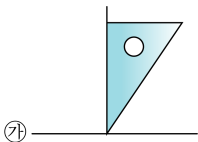


⑤

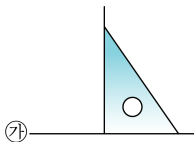


30. 삼각자를 이용하여 직선 가에 대한 수선을 바르게 그리지 않은 것은 어느 것인지 구하시오.(정답 2개)

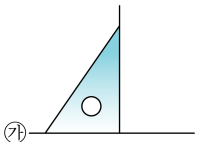
①



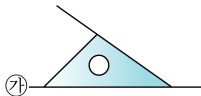
②



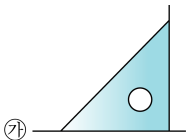
③



④

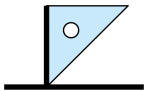


⑤

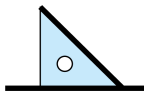


31. 다음 중 삼각자를 이용하여 수선을 바르게 그린 것은 어느 것인지 구하시오.

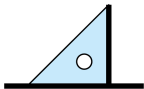
①



②



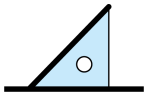
③



④



⑤



32. 한 직선에 그을 수 있는 수선은 모두 몇 개인지 구하시오.

① 1 개

② 2 개

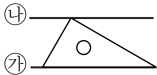
③ 8 개

④ 10 개

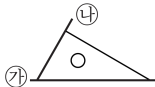
⑤ 무수히 많다.

33. 삼각자를 이용하여 직선 ㉠과 수직인 직선 ㉡를 그릴 때, 바른 것은 어느 것인지 구하시오.

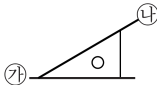
①



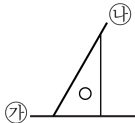
②



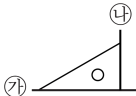
③



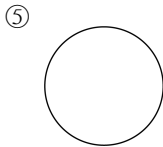
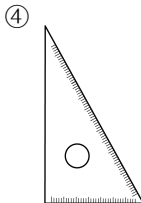
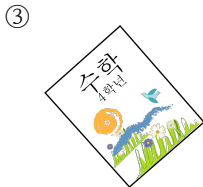
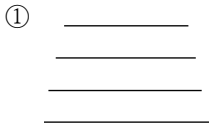
④



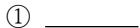
⑤



34. 다음 그림에서 굵은 선이 평행선이 없는 것을 모두 고르시오.



35. 다음 중 두 직선이 평행한 것은 어느 것입니까?

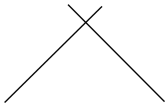


36. 다음 중 두 직선이 서로 평행인 것은 어느 것입니까?

①



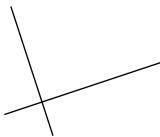
②



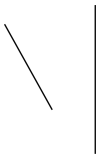
③



④

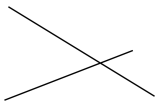


⑤

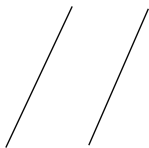


37. 다음 중 두 직선이 평행인 것을 모두 고르시오.

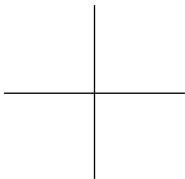
①



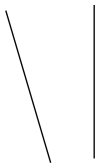
②



③



④

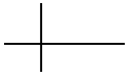


⑤

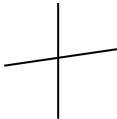


38. 두 직선이 서로 평행인 것은 어느 것입니까?

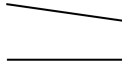
①



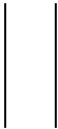
②



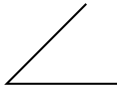
③



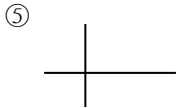
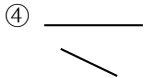
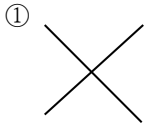
④



⑤

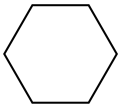


39. 다음 중 두 직선이 서로 평행인 것은 어느 것입니까?

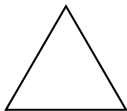


40. 다음 중 평행선과 수선을 모두 갖고 있는 도형은 어느 것입니까?

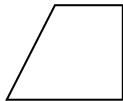
①



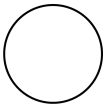
②



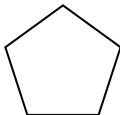
③



④



⑤



41. 한 직선에 평행한 직선은 몇 개입니까?

① 1 개

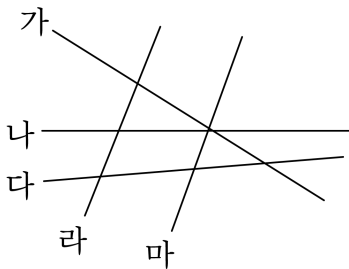
② 2 개

③ 4 개

④ 10 개

⑤ 무수히 많다.

42. 그림에서 서로 평행인 두 직선은 어느 것인지 고르시오.



① 직선 가와 나

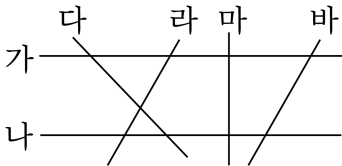
② 직선 가와 다

③ 직선 나와 라

④ 직선 나와 마

⑤ 직선 라와 마

43. 다음 그림에서 평행선을 모두 고르시오.



① 직선가와 나

② 직선가와 다

③ 직선다와 바

④ 직선다와 마

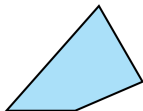
⑤ 직선라와 바

44. 서로 평행인 변이 있는 사각형은 어느 것입니까?

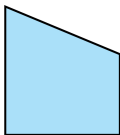
①



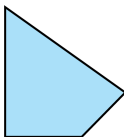
②



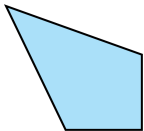
③



④

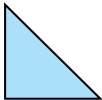


⑤

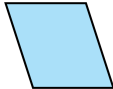


45. 다음 중 평행선과 수선을 모두 가지고 있는 도형은 어느 것입니까?

①



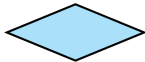
②



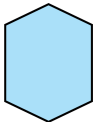
③



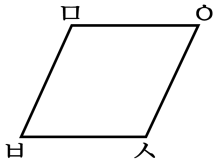
④



⑤



46. 다음 그림에서 서로 평행인 선분을 바르게 짝지은 것을 모두 고르시오.



① 선분 ㅁㅇ과 선분 ㅂㅅ

② 선분 ㅁㅇ과 선분 ㅇㅅ

③ 선분 ㅁㅂ과 선분 ㅇㅅ

④ 선분 ㅇㅅ과 선분 ㅅㅂ

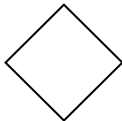
⑤ 선분 ㅁㅂ과 선분 ㅅㅂ

47. 도형 중에서 평행선이 가장 많은 도형은 어느 것입니까?

①



②



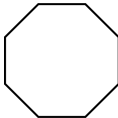
③



④



⑤

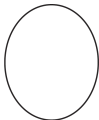


48. 다음 중 평행인 변이 없는 도형을 모두 고르시오.

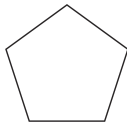
①



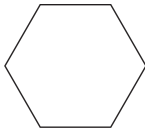
②



③



④

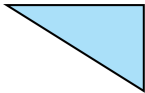


⑤

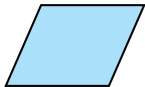


49. 다음 도형 중에서 평행선과 수선이 모두 있는 도형은 어느 것입니까?

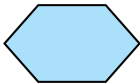
①



②



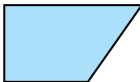
③



④

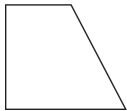


⑤



50. 다음 중 평행선과 수선이 모두 있는 도형이 아닌 것을 모두 고르시오.

①



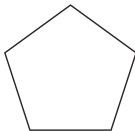
②



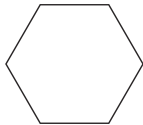
③



④



⑤



51. 한 직선에 평행인 직선은 몇 개나 그을 수 있는지 구하시오.

① 1 개

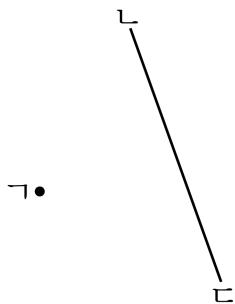
② 6 개

③ 9 개

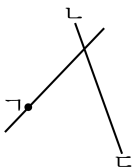
④ 10 개

⑤ 무수히 많다.

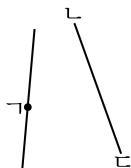
52. 점 P 를 지나고 직선 l 과 평행인 직선을 바르게 그린 것을 고르시오.



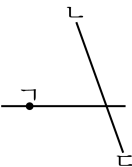
①



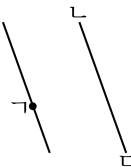
②



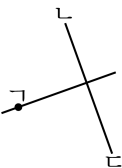
③



④



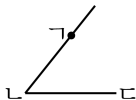
⑤



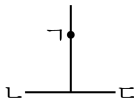
53. 점 P 을 지나고 직선 l 과 평행인 직선을 바르게 그린 것을 고르시오.



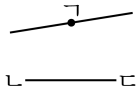
①



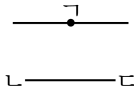
②



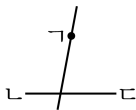
③



④

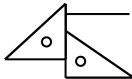


⑤

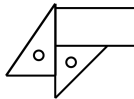


54. 삼각자 2개를 이용하여 평행선을 바르게 그은 것은 어느 것인지 구하시오.

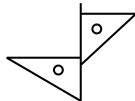
①



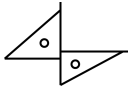
②



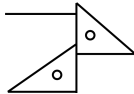
③



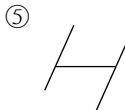
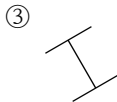
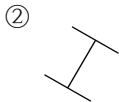
④



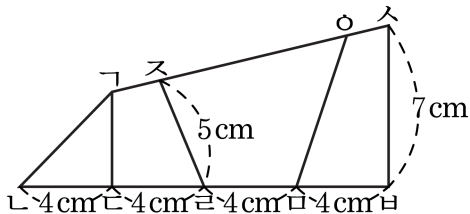
⑤



55. 다음 중 평행선 사이의 거리를 바르게 나타내지 못한 것은 어느 것인지 구하십시오.



56. 다음 그림에서 평행선을 찾아 평행선 사이의 거리를 구하시오.



① 4 cm

② 5 cm

③ 7 cm

④ 8 cm

⑤ 12 cm

57. 다음 도형에서 평행선 사이의 거리를 알려면 어느 선분의 길이를 재어야 하는지 구하시오.



① 선분 ㄱㄴ

② 선분 ㄴㄹ

③ 선분 ㄹㄴ

④ 선분 ㄴㄱ

⑤ 선분 ㄴㄷ

58. 다음 중 평행선 사이의 거리를 나타내는 것은 어느 것인지 구하시오.

①



②



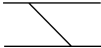
③



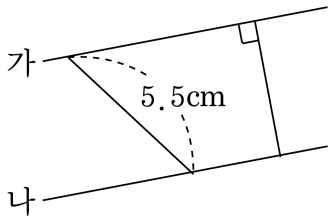
④



⑤

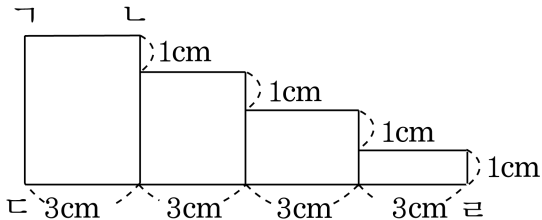


59. 직선 가와 나 는 서로 평행입니다. 평행선 사이의 거리에 대해 바르게 말한 것은 어느 것인지 구하시오.



- ① 평행선 사이의 거리는 5.5 cm 입니다.
- ② 평행선 사이의 거리는 5.5 cm 보다 짧습니다.
- ③ 평행선 사이의 거리는 5.5 cm 보다 길니다.
- ④ 평행선 사이의 거리는 전혀 짐작할 수 없습니다.
- ⑤ 평행선 사이의 거리는 5 cm 입니다.

60. 다음 도형에서 선분 $\overline{AB}$ 과 선분 $\overline{CD}$ 이 서로 평행입니다. 이 평행선 사이의 거리는 몇 cm입니까?



- ① 1 cm ② 2 cm ③ 3 cm ④ 4 cm ⑤ 5 cm