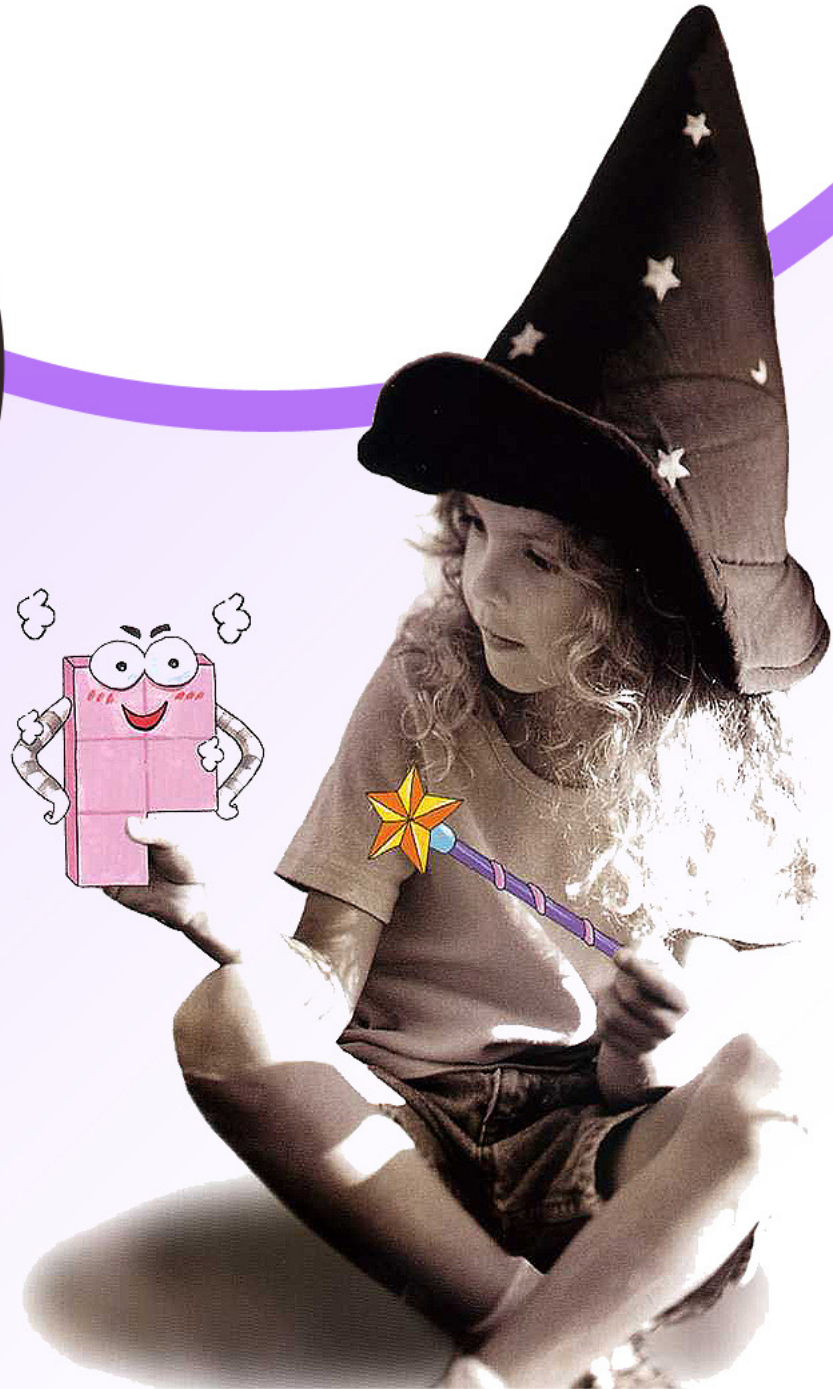


본교재를 불법으로 복사하여 사용할 경우, 저작권법 제 11장 136조 1항에 의거 5년이하의 징역 또는 5,000만원 이하의 벌금에 처하거나 이를 병과할 수 있습니다. 교재의 불법 복사본 사용에 대하여 제보를 받고 있으며, 제보자에게는 등급에 따라 보상금을 지급합니다(제보전화 1599-7209)



꼬불수막대





꼬불수막대

꼬불수막대란?

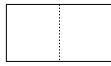
꼬불수막대는 한 변의 길이가 1cm인 정육면체를 1개부터 10까지 이어붙여서 만든 모양 조각입니다. 지그재그 모양으로 번갈아가며 정육면체가 하나씩 늘어나는 규칙으로 구성된 이 모양 조각들을 꼬불수막대라고 부릅니다. 조각의 이름은 정육면체의 개수로 정합니다.

1 꼬불수막대 익히기

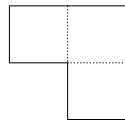
* 꼬불수막대를 살펴보고 알맞은 수를 써 보세요.



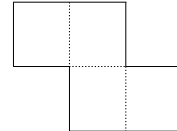
()



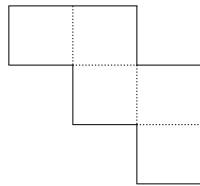
()



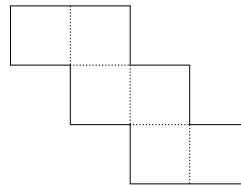
()



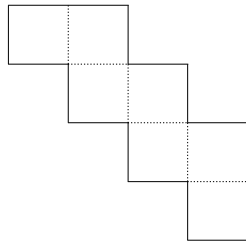
()



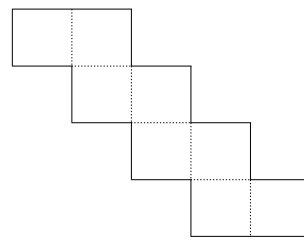
()



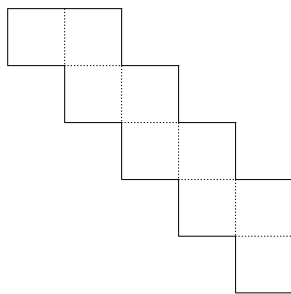
()



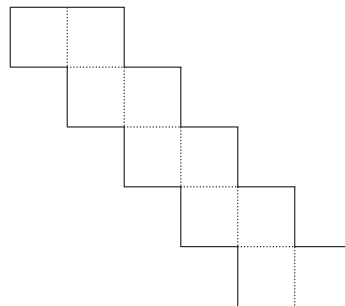
()



()



()



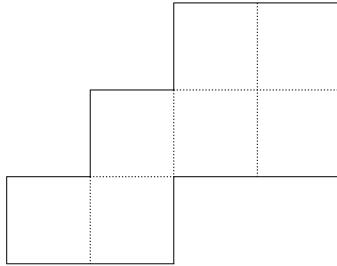
()





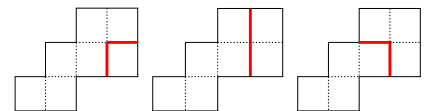
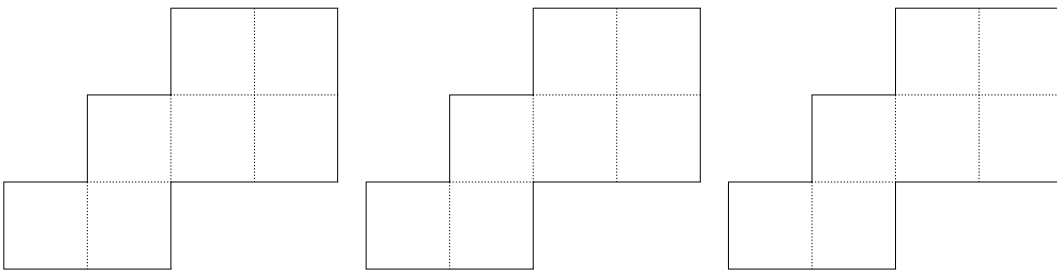
2 수 가르기와 모으기

(1) 7 가르기와 모으기

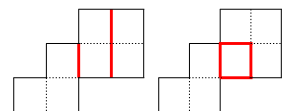
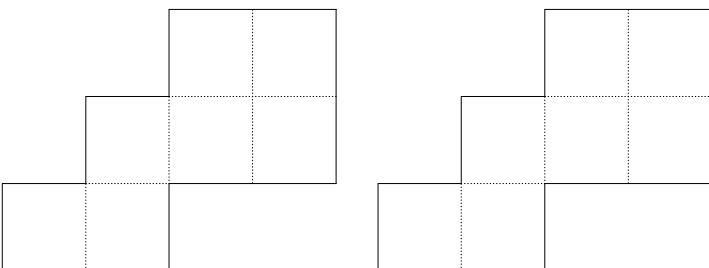


위 모양을 꼬불수막대 2조각과 3조각을 사용하여 만들어 보고, 사용한 조각은 몇 막대인지 적어보세요.

1) 2조각으로 만들기



2) 3조각으로 만들기



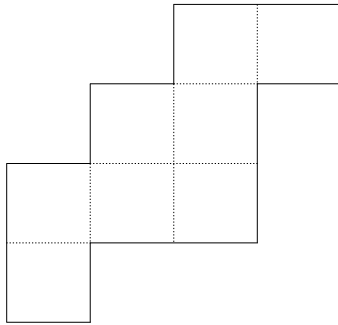
* 주어진 답 이외에 다양한 답이 나올 수 있습니다.





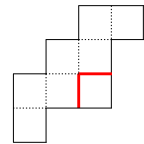
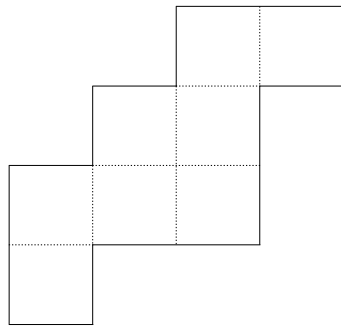
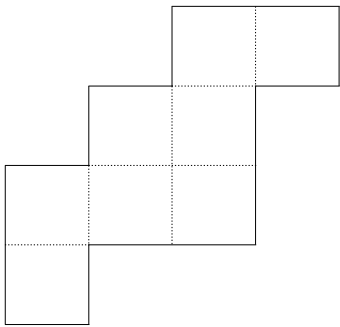
꼬불수막대

(2) 8 가르기와 모으기

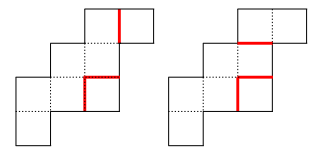
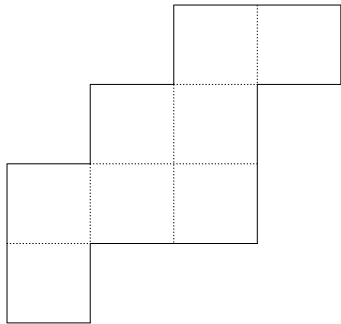
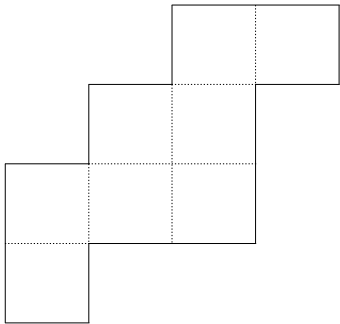


위 모양을 꼬불수막대 2조각, 3조각, 4조각을 사용하여 만들어 보고 사용한 조각은 몇 막대인지 적어보세요.

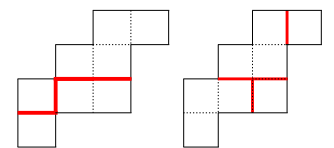
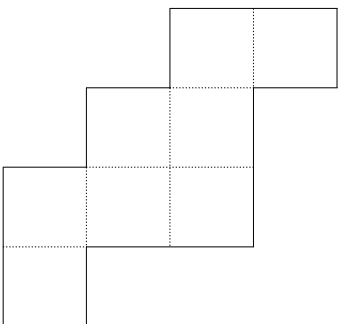
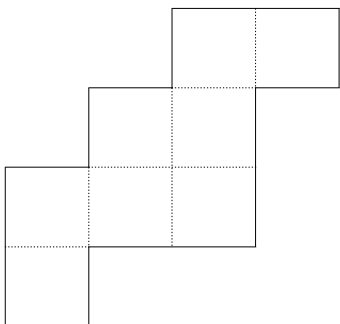
1) 2조각으로 만들기



2) 3조각으로 만들기



3) 4조각으로 만들기



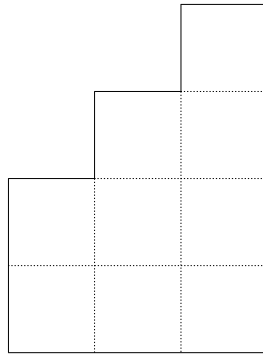
* 주어진 답 이외에 다양한 답이 나올 수 있습니다.





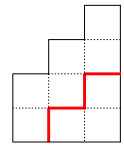
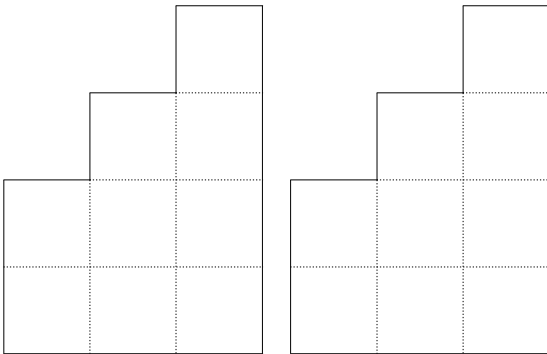
꼬불수막대

(3) 9 가르기와 모으기

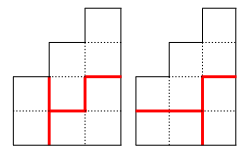
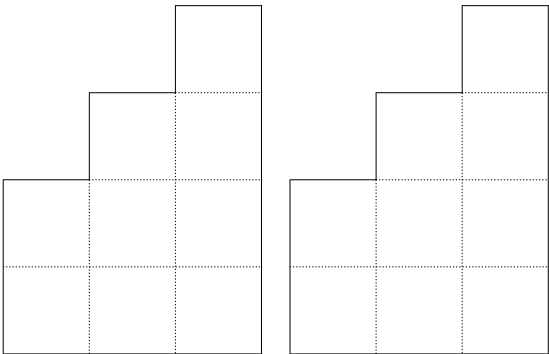


위 모양을 꼬불수막대 2조각, 3조각, 4조각을 사용하여 만들어 보고 사용한 조각은 몇 막대인지 적어보세요.

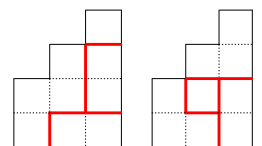
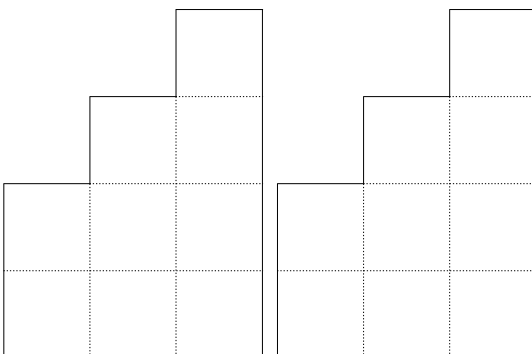
1) 2조각으로 만들기



2) 3조각으로 만들기



3) 4조각으로 만들기



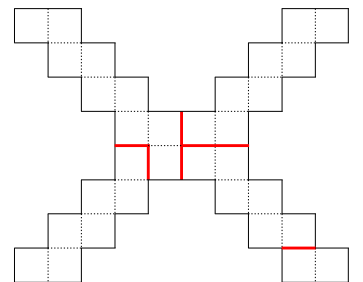
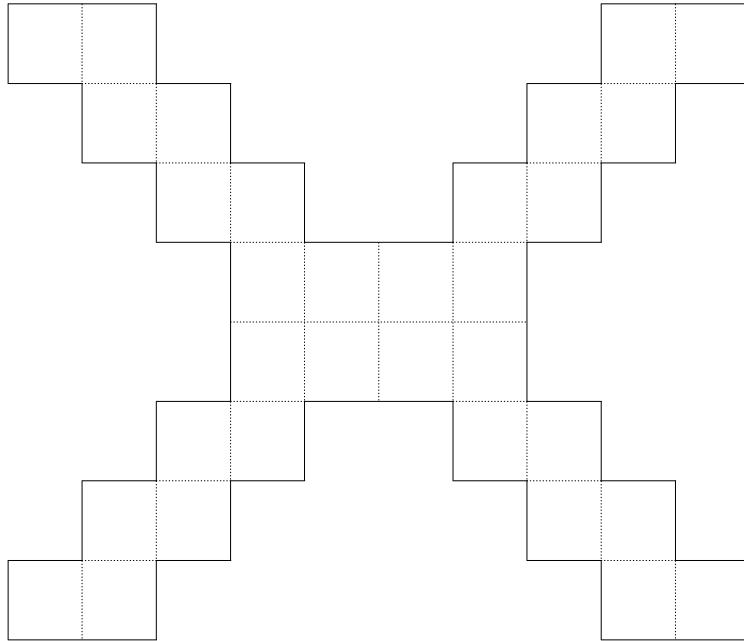
* 주어진 답 이외에 다양한 답이 나올 수 있습니다.





꼬불수막대

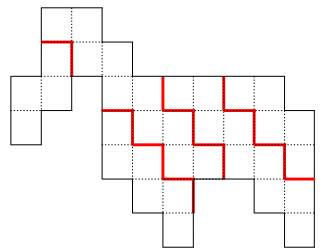
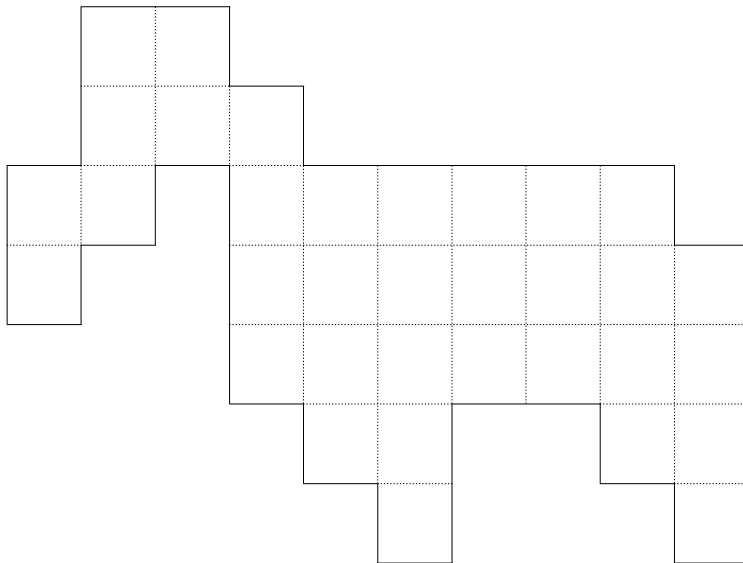
(2) 아래 모양을 만들고 사용한 조각은 어떤 막대인지 적어보세요.
만들어진 모양은 무엇과 닮아있는지 이름을 붙여보세요.





꼬불수막대

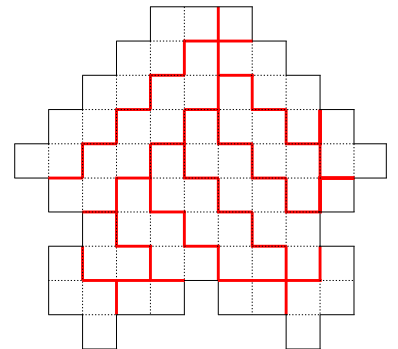
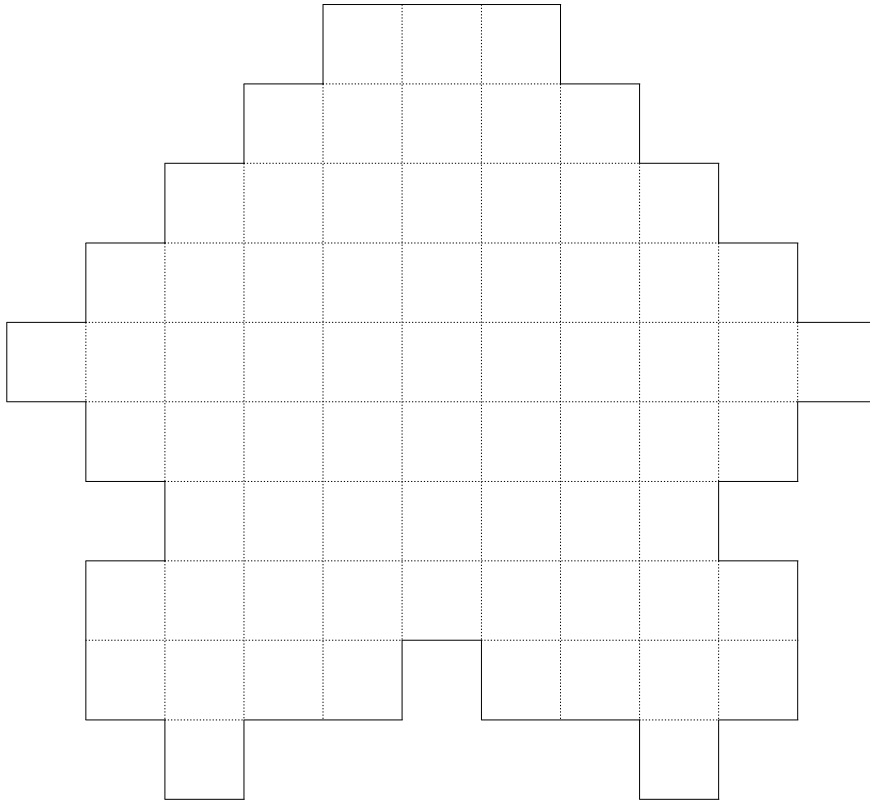
(3) 아래 모양을 만들고 사용한 조각은 어떤 막대인지 적어보세요.
 만들어진 모양은 무엇과 닮아있는지 이름을 붙여보세요.





꼬불수막대

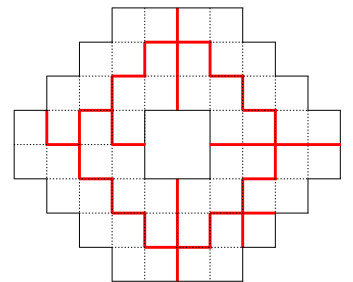
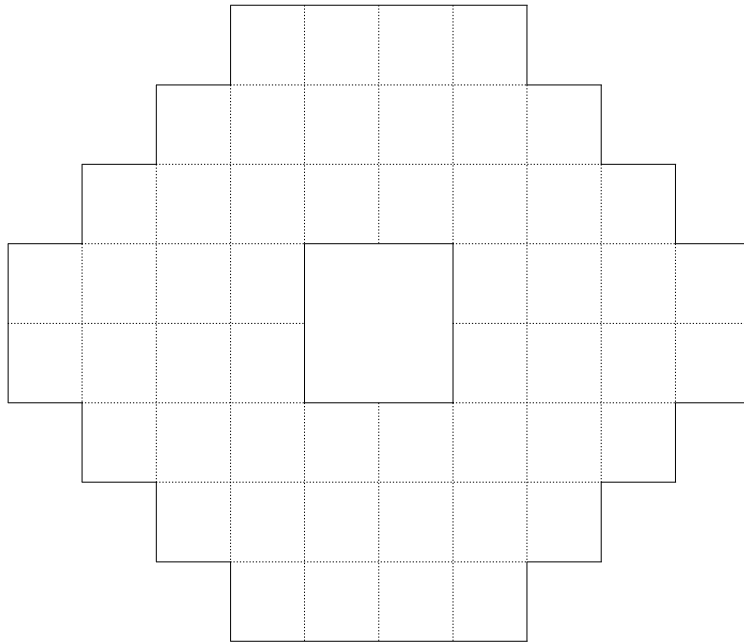
(4) 아래 모양을 만들고 사용한 조각은 어떤 막대인지 적어보세요.
만들어진 모양은 무엇과 닮아있는지 이름을 붙여보세요.





꼬불수막대

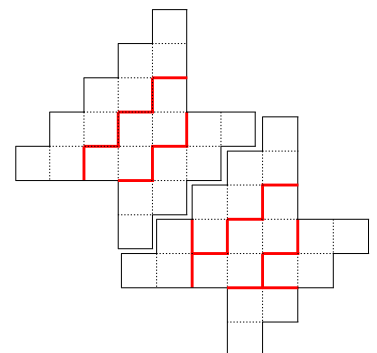
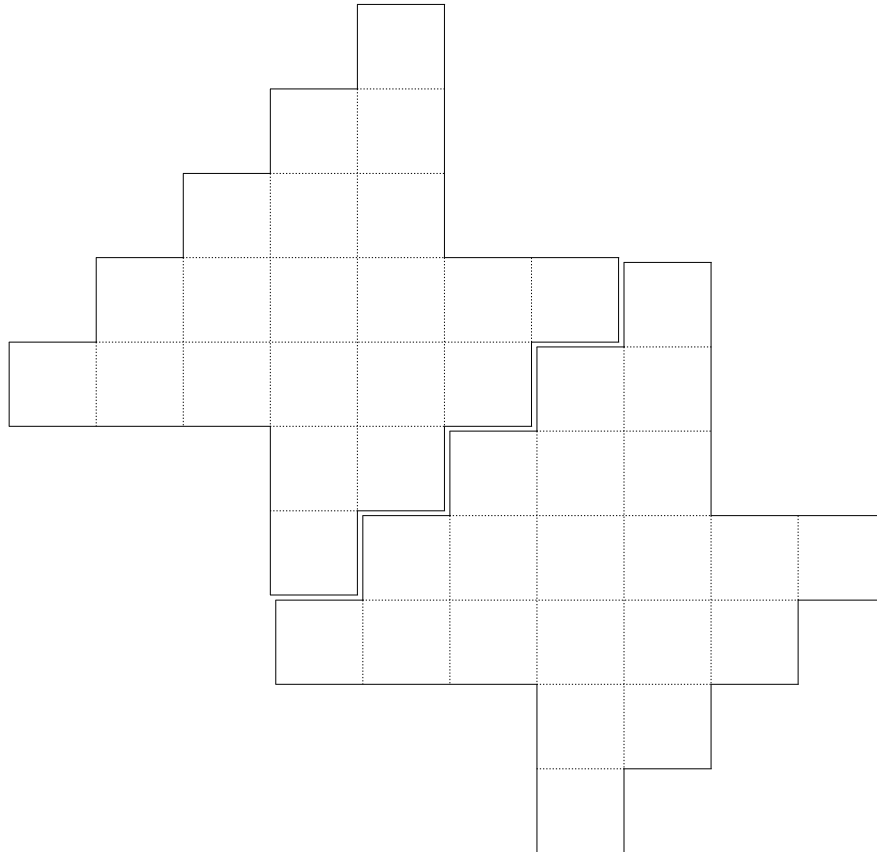
- (5) 아래 모양을 만들고 사용한 조각은 어떤 막대인지 적어보세요.
만들어진 모양은 무엇과 닮아있는지 이름을 붙여보세요.





꼬불수막대

(6) 아래 모양을 만들고 사용한 조각은 어떤 막대인지 적어보세요.
만들어진 모양은 무엇과 닮아있는지 이름을 붙여보세요.

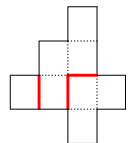
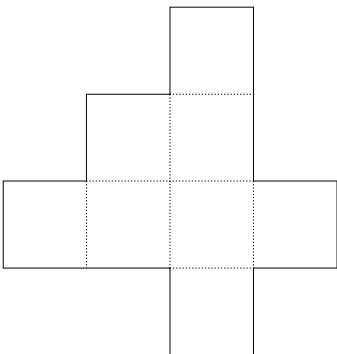
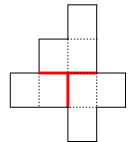
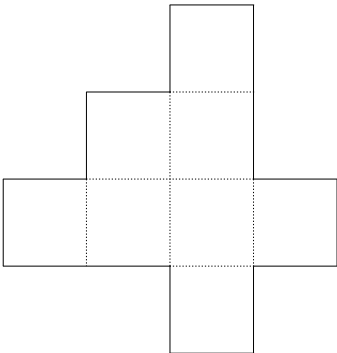
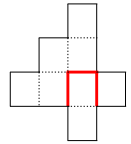
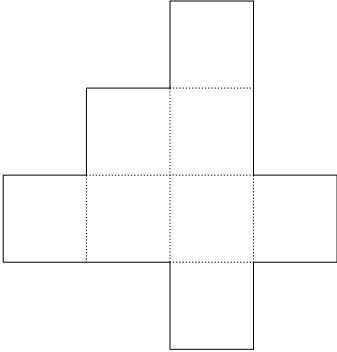




4

여러 가지 방법으로 맞추기

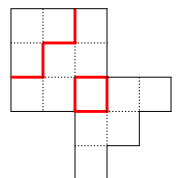
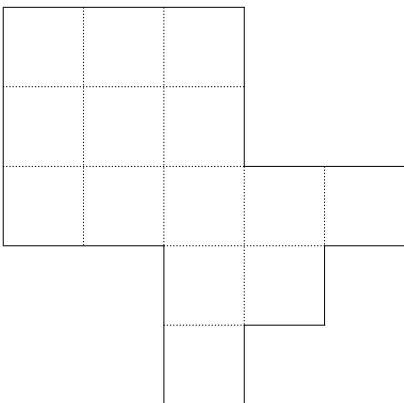
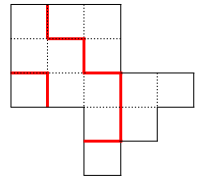
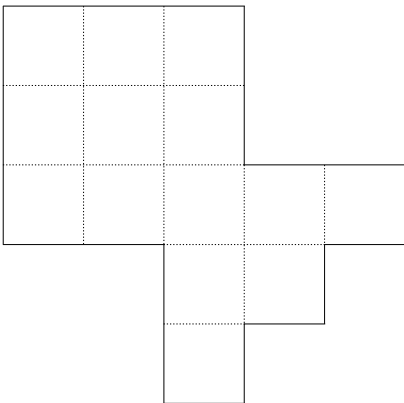
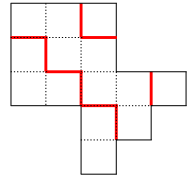
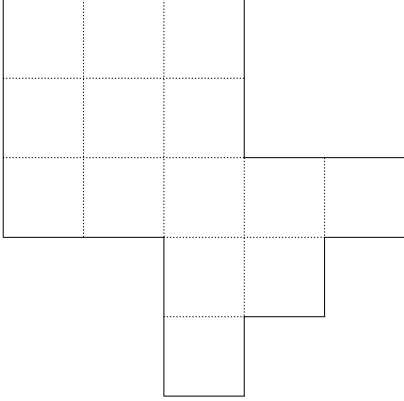
1) 같은 모양을 여러 가지 방법으로 맞춰보세요.





꼬불수막대

2) 같은 모양을 여러 가지 방법으로 맞춰보세요.



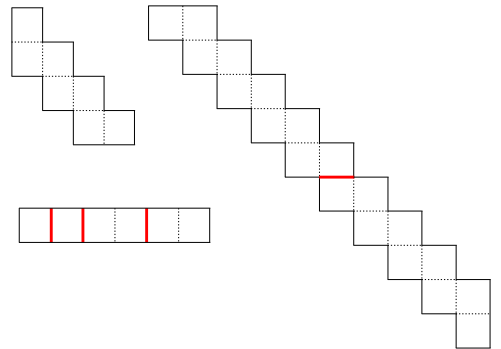
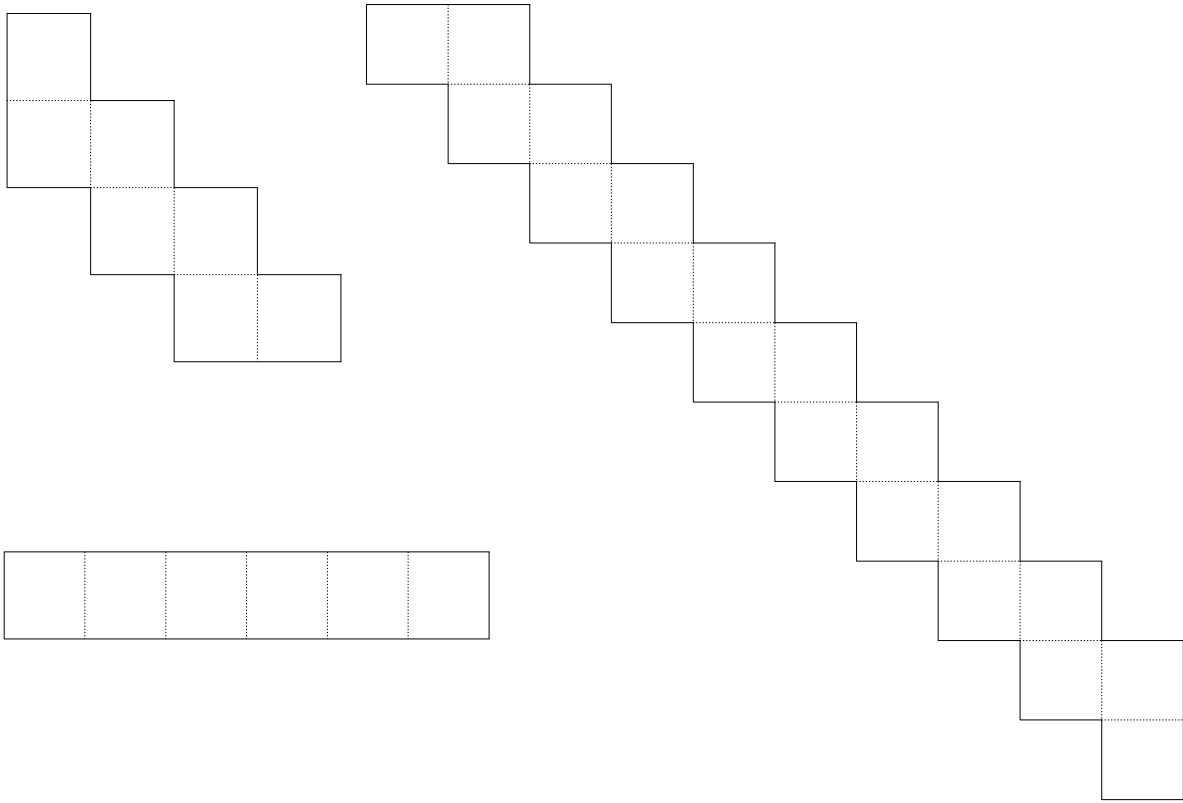


꼬불수막대

5

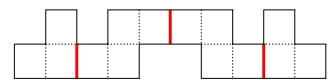
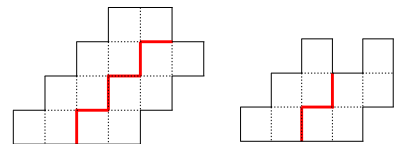
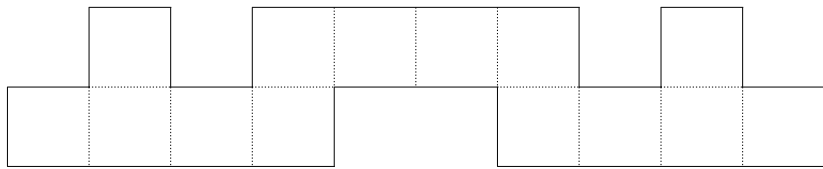
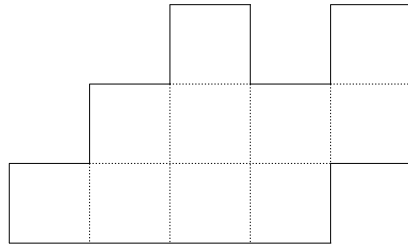
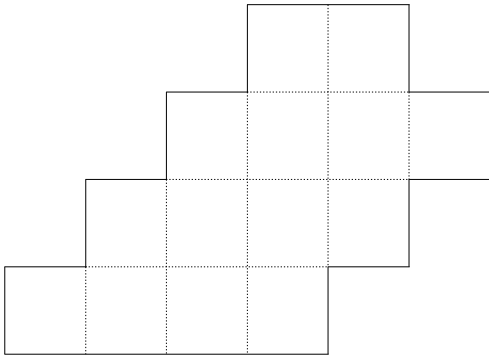
한 세트 모두 사용해서 맞추기

다음은 꼬불수막대 한 세트를 모두 사용해서 모양을 맞추는 활동입니다.





꼬불수막대

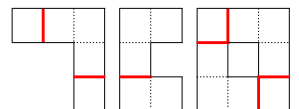
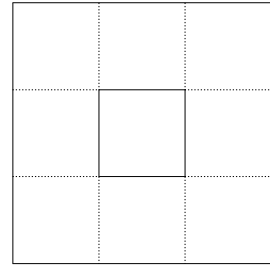
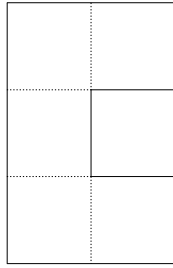
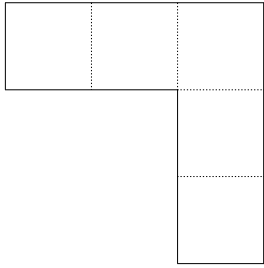




꼬불수막대

6 한글 자음 만들기

아래 자음을 꼬불수막대로 만들고, 교재에 나와있지 않은 자음도 만들어 보세요.

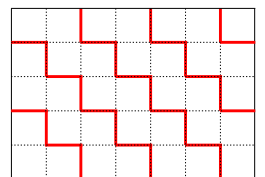
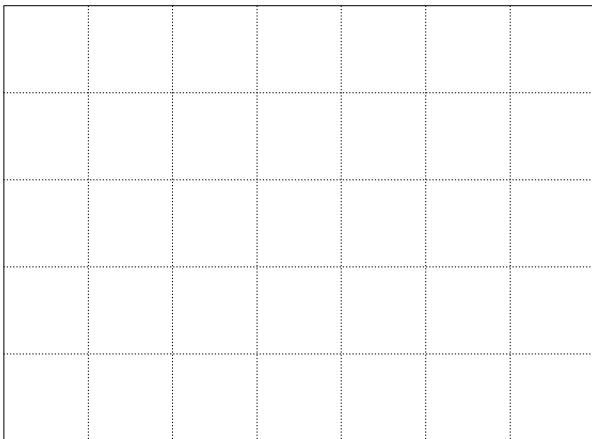
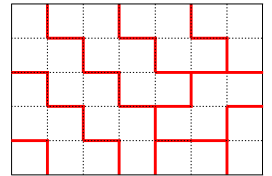
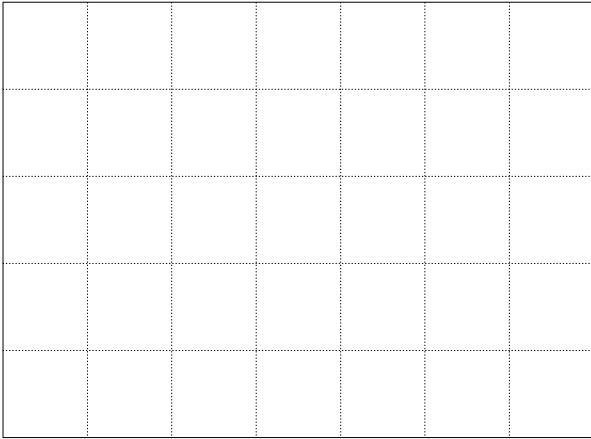




꼬불수막대

7 사각형 만들기

꼬불수막대를 모두 사용해서 아래 사각형 두 개를 맞춰보세요.

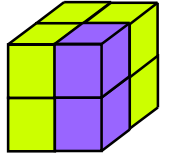
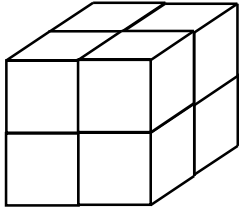
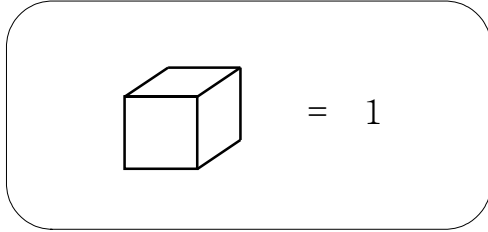




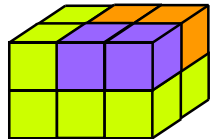
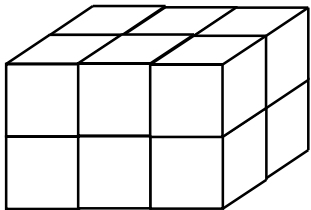
꼬불수막대

8 입체 모양 만들기

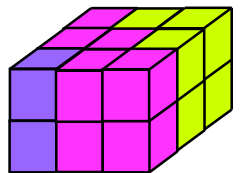
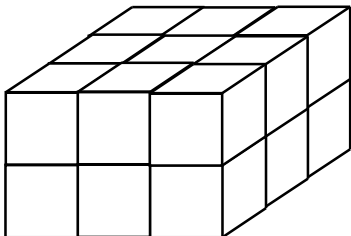
1) 아래 모양을 만들고 모양의 크기를 알아보세요.



8



12



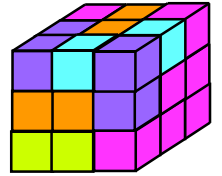
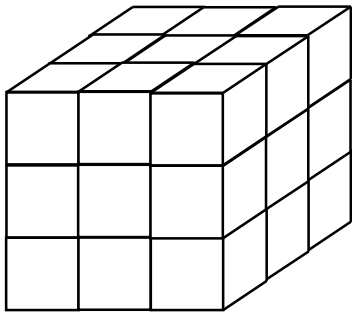
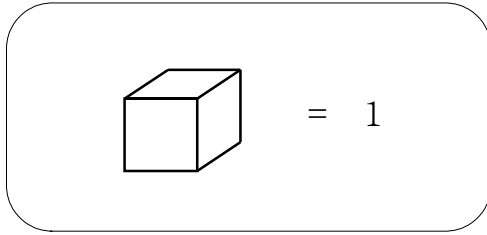
18



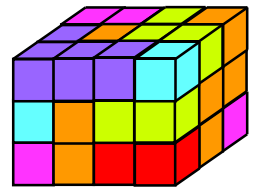
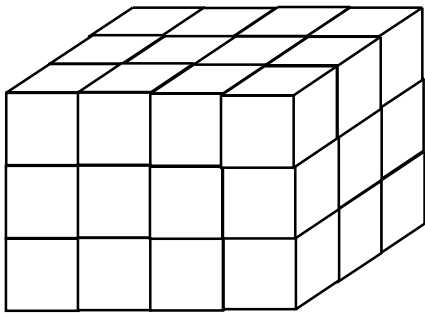


꼬불수막대

2) 아래 모양을 만들고 모양의 크기를 알아보세요.



27

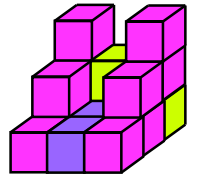
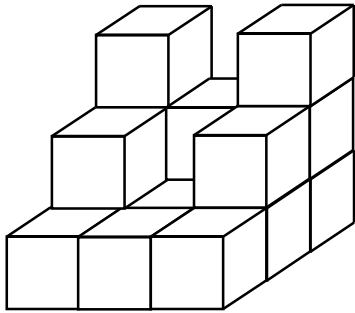
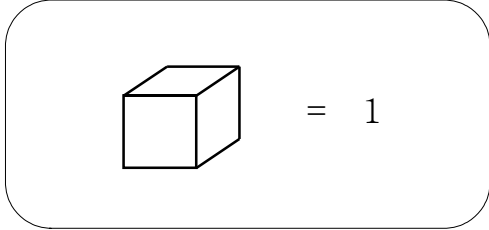


36

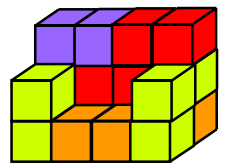
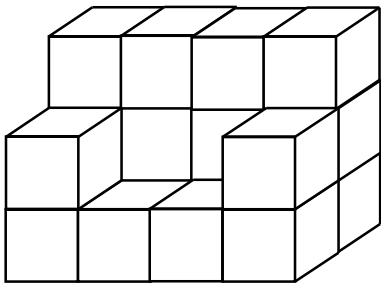


꼬불수막대

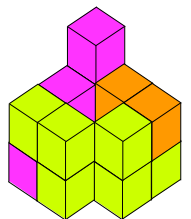
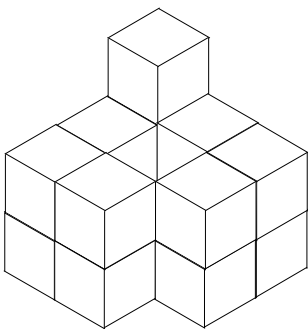
3) 아래 모양을 만들고 모양의 크기를 알아보세요.



16



18



15





9

꼬불수막대 정리하기

