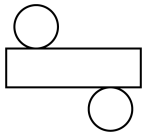
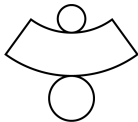


1. 다음 중에서 원뿔의 전개도는?(정답 2개)

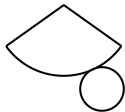
①



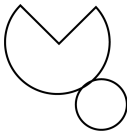
②



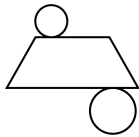
③



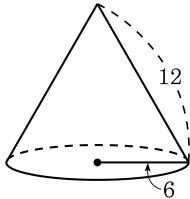
④



⑤



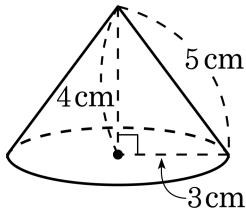
2. 다음 그림과 같은 원뿔의 전개도에서 부채꼴의 중심각의 크기를 구하여라.



답: _____

°

3. 다음 그림과 같은 회전체를 보고 물음에 답하여라.



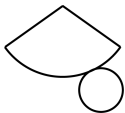
- (1) 옆면인 부채꼴의 반지름의 길이
- (2) 옆면인 부채꼴의 호의 길이

> 답: _____

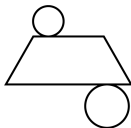
> 답: _____

4. 다음 그림 중 원뿔대의 전개도는?

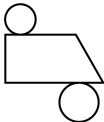
①



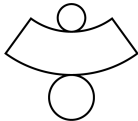
②



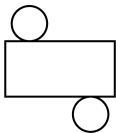
③



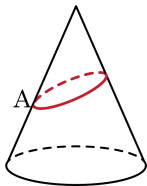
④



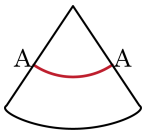
⑤



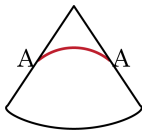
5. 다음 그림과 같은 원뿔 모양의 입체가 있다. 옆면의 한 점 A 에서 실로 이 원뿔을 한 바퀴 팽팽하게 감을 때, 실이 지나는 선의 모양을 전개도에 바르게 나타낸 것은?



①



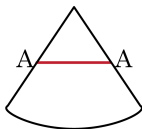
②



③



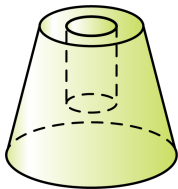
④



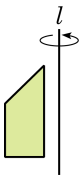
⑤



6. 아래 그림과 같은 입체도형은 다음 중 어느 도형을 회전시킨 것인가?



①



②



③



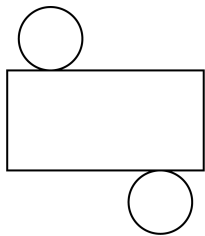
④



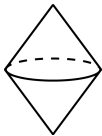
⑤



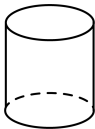
7. 다음 그림 어떤 회전체의 전개도이다. 이 회전체의 겨냥도를 고르면?



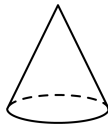
①



②



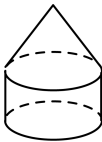
③



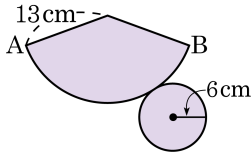
④



⑤



8. 다음 그림과 같은 원뿔의 전개도에서 옆면의 둘레의 길이를 구하여라.

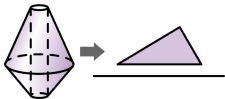


답:

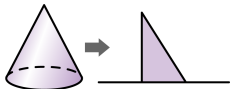
cm

9. 다음 중 회전시키기 전의 평면도형과 회전체가 잘못 연결 된 것은?

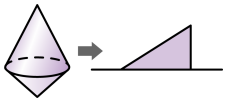
①



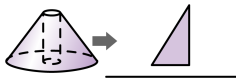
②



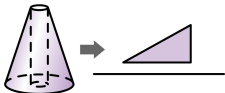
③



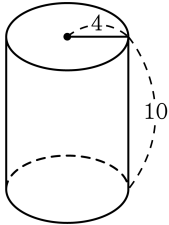
④



⑤

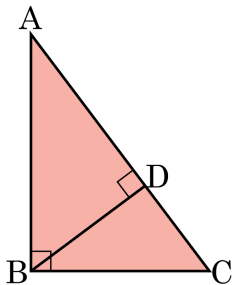


10. 다음 그림과 같은 원기둥의 전개도에서 옆면이 되는 직사각형의 넓이를 구하여라. (단, π 는 3 으로 계산한다.)



답: _____

11. 아래 그림과 같은 직각삼각형 ABC 를 보기와 같이 직선을 축으로 하여 회전시켰을 때, 원뿔이 되는 것은 모두 몇 개인가?



보기

㉠ $\overleftrightarrow{AC}$

㉡ $\overleftrightarrow{BC}$

㉢ $\overleftrightarrow{AB}$

㉣ $\overleftrightarrow{BD}$

① 0 개

② 1 개

③ 2 개

④ 3 개

⑤ 4 개