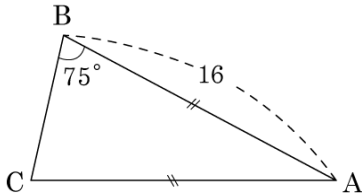


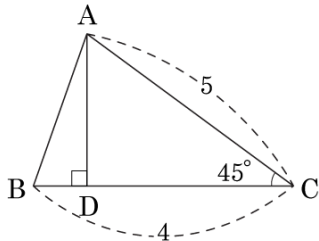
1. 다음 그림은 이등변삼각형이다.
 $\angle C = 75^\circ$ 일 때, $\triangle ABC$ 의 넓이
로 알맞은 것은?

- ① 60 ② 60.5
③ 62 ④ 62.5
⑤ 64

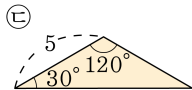
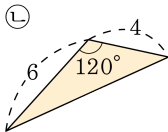
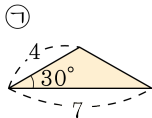


2. 다음과 같이 $\triangle ABC$ 에서 $\overline{AC} = 5$,
 $\overline{BC} = 4$, $\angle C = 45^\circ$, $\overline{AD} \perp \overline{BC}$ 일 때,
 $\overline{BD}$ 의 길이를 구하면?

- | | |
|-----------------------------|----------------------------|
| ① $\frac{1}{2}$ | ② $\frac{6 - \sqrt{5}}{2}$ |
| ③ $\frac{6 - 2\sqrt{5}}{2}$ | ④ $\frac{8 - \sqrt{5}}{2}$ |
| ⑤ $\frac{8 - 5\sqrt{2}}{2}$ | |



3. 다음 삼각형 중에서 넓이가 큰 순서대로 나열한 것은? (단, $\sqrt{3} = 1.732$ 로 계산한다.)



① ㉠, ㉡, ㉢

② ㉢, ㉡, ㉠

③ ㉠, ㉢, ㉡

④ ㉡, ㉢, ㉠

⑤ ㉢, ㉠, ㉡