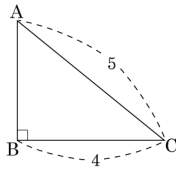


1. 다음 그림과 같은 직각삼각형 ABC 에 대하여 $\sin C$, $\cos C$, $\tan C$ 의 값을 구하여라.



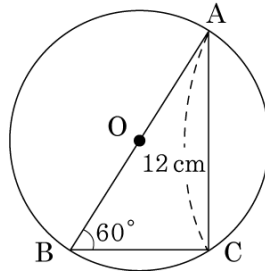
➤ 답: $\sin C =$ _____

➤ 답: $\cos C =$ _____

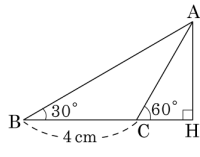
➤ 답: $\tan C =$ _____

2. 다음 그림에서 $\overline{AC} = 12\text{ cm}$, $\angle B = 60^\circ$ 일 때, 직각삼각형 ABC 의 둘레의 길이는?

- ① $12(\sqrt{2} - 1)\text{ cm}$
 ② $12(\sqrt{2} + 1)\text{ cm}$
 ③ $6(\sqrt{3} + 1)\text{ cm}$
 ④ $12(\sqrt{3} + 1)\text{ cm}$
 ⑤ $12(\sqrt{3} - 1)\text{ cm}$



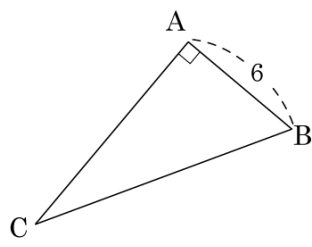
3. 다음 그림에서 $\overline{AH}$ 의 길이를 구하면?



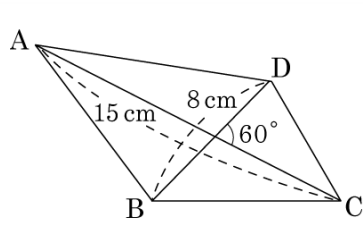
- ① $\sqrt{2}$ cm ② $\sqrt{3}$ cm ③ $2\sqrt{3}$ cm
 ④ $3\sqrt{3}$ cm ⑤ $4\sqrt{3}$ cm

4. 다음과 같은 직각삼각형 ABC 에서
 $\overline{BC} : \overline{AB} = 2 : 1$ 일 때, $\tan B + \cos B$
 의 값은?

- ① $\sqrt{2} + \frac{1}{2}$ ② $\sqrt{3} + \frac{1}{2}$
 ③ $\sqrt{5} + \frac{1}{2}$ ④ $\sqrt{7} + \frac{1}{2}$
 ⑤ $\sqrt{10} + \frac{1}{2}$

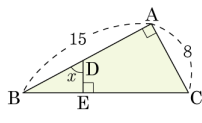


5. 다음 사각형 ABCD 의 넓이를 구하여라.



 답: _____ cm^2

6. 다음 그림의 $\triangle ABC$ 에서 $\sin x$ 의 값은?



- ① $\frac{7}{17}$ ② $\frac{8}{17}$ ③ $\frac{8}{15}$ ④ $\frac{15}{17}$ ⑤ $\frac{15}{8}$