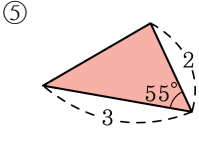
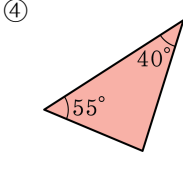
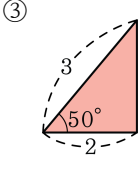
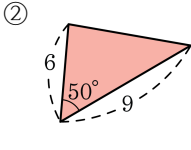
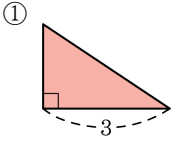
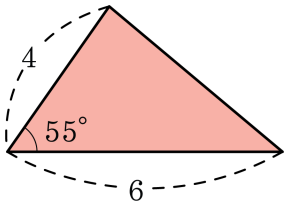
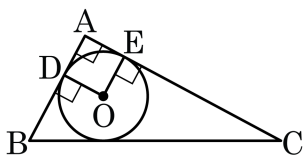


1. 다음 주어진 삼각형과 닮은 삼각형을 알맞게 짝지은 것은?

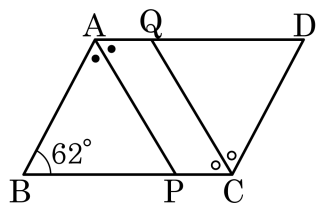


2. $\triangle ABC$ 에서 점 O 는 내심이고 $\overline{AE}$ 의 길이가 3이다. $\triangle ABC = 48$ 일 때, 세 변의 길이의 합은?



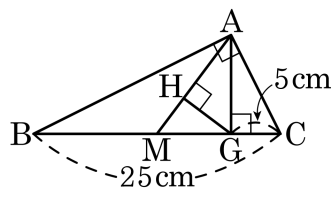
- ① 16 ② 24 ③ 28 ④ 32 ⑤ 36

3. 다음 평행사변형ABCD 에서 $\overline{AP}$, $\overline{CQ}$ 는 각각 $\angle A, \angle C$ 의 이등분선이고 $\angle ABP = 62^\circ$ 일 때, $\angle APC$ 의 크기는?



- ① 62° ② 59° ③ 118° ④ 121° ⑤ 124°

4. 다음 그림의 $\triangle ABC$ 에서 점 M은 $\overline{BC}$ 의 중점이다. $\overline{AG} \perp \overline{BC}$, $\overline{GH} \perp \overline{AM}$, $\overline{BC} = 25\text{cm}$, $\overline{GC} = 5\text{cm}$ 일 때, $\overline{AH}$ 의 길이를 구하면?



- ① 4 ② 8 ③ 12 ④ 14 ⑤ 16