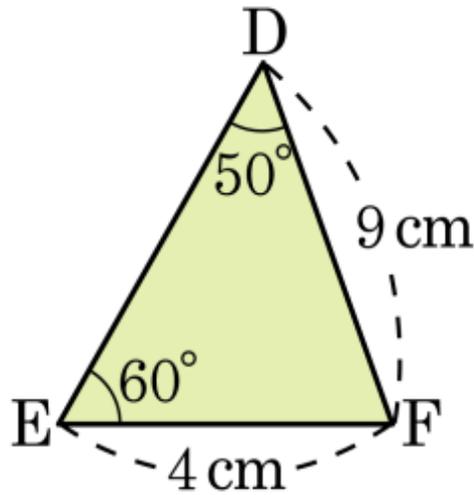
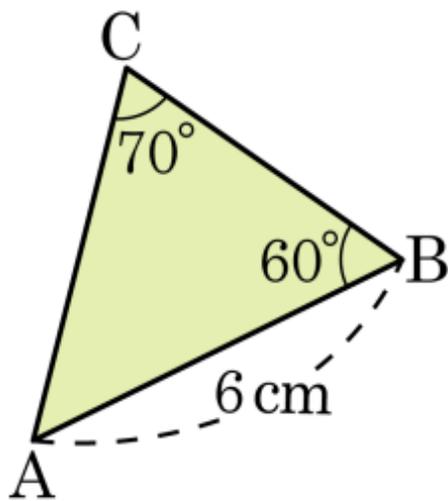


1. 다음 $\triangle ABC$ 와 $\triangle DEF$ 가 서로 합동일 때, 옳지 않은 것을 고르면?



① $\overline{DE} = 6\text{cm}$

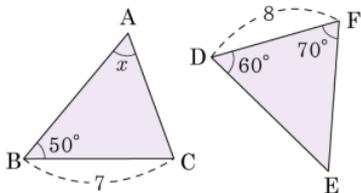
② $\overline{BC} = 4\text{cm}$

③ $\angle DFE = 70^\circ$

④ $\overline{BC} = 9\text{cm}$

⑤ $\angle CAB = 50^\circ$

2. 아래의 $\triangle ABC \cong \triangle DEF$ 이다. 다음 보기에서 옳지 않은 것을 모두 골라라.



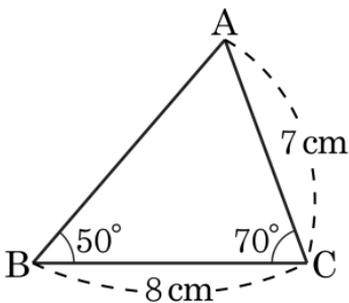
보기

- ㉠ $\overline{AC} = \overline{DF} = 8\text{cm}$
 ㉡ $\angle BAC = \angle DFE = 70^\circ$
 ㉢ $\overline{BC} = \overline{EF} = 7\text{cm}$
 ㉣ $\angle ACB = \angle DEF = 50^\circ$

> 답: _____

> 답: _____

3. 다음 그림의 $\triangle ABC$ 와 합동인 삼각형을 보기에서 모두 골라라.



㉠

Triangle with angles 70° and 80° . Side lengths are 7 cm and 8 cm.

㉡

Triangle with angles 60° and 50° . Side length is 8 cm.

㉢

Triangle with angles 50° and 60° . Side length is 8 cm.

㉣

Triangle with angles 60° and 70° . Side length is 7 cm.

㉤

Triangle with angles 50° and 80° . Side lengths are 9 cm and 8 cm.

㉥

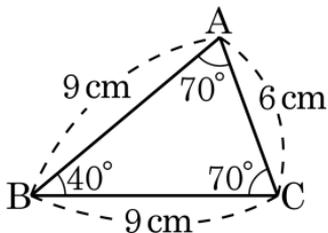
Triangle with angles 60° and 70° . Side lengths are 8 cm and 7 cm.

> 답: _____

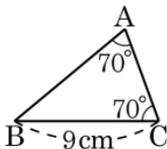
> 답: _____

> 답: _____

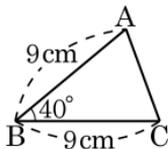
4. 다음 삼각형 중에서 다음 그림의 $\triangle ABC$ 와 SSS 합동이라고 말할 수 있는 삼각형은?



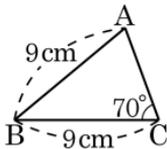
①



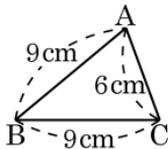
②



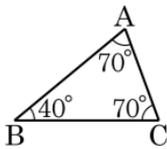
③



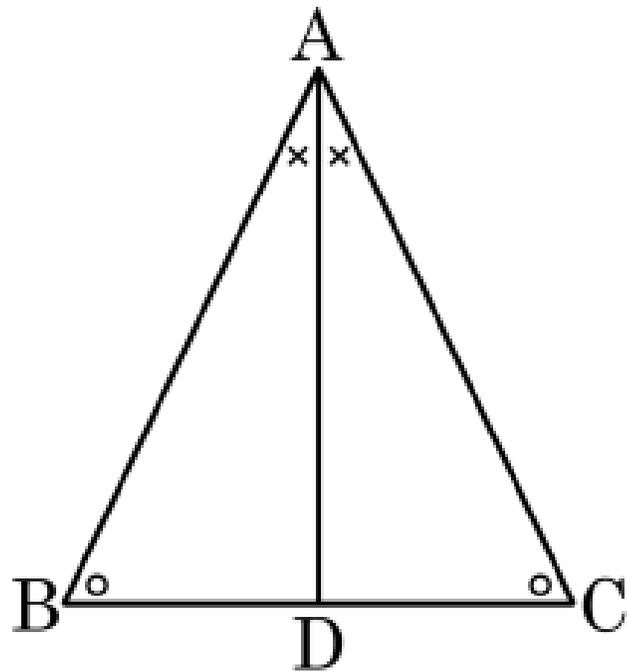
④



⑤



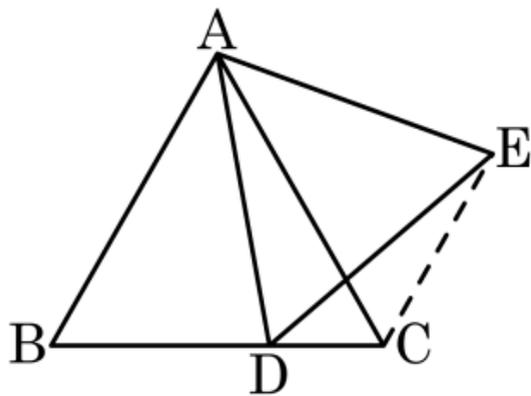
5. 다음 그림의 $\triangle ABC$ 에서 $\angle B = \angle C$, $\angle BAD = \angle CAD$ 일 때, $\overline{AB} = \overline{AC}$ 임을 설명하는데 이용되는 삼각형의 합동조건을 써라.



답:

합동

6. 정삼각형 ABC 의 한 변 BC 위에 점 D 를 정하고, \overline{AD} 를 한 변으로 하는 정삼각형 ADE 를 그릴 때, 다음 중 틀린 것은?



① $\angle BAD = \angle CAE$

② $\overline{BD} = \overline{CE}$

③ $\angle ABD = \angle ACE$

④ $\angle CDE = \angle CAE$

⑤ $\angle ADB = \angle AEC$