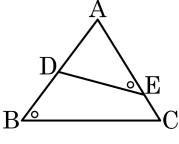
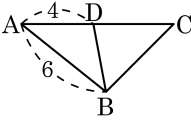


1. 다음 각 도형에서 다음인 두 삼각형을 기호로 바르게 나타낸 것은?

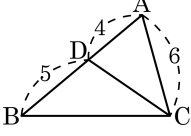
① $\triangle ABC \sim \triangle ADE (\angle B = \angle E)$



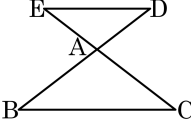
② $\triangle ABD \sim \triangle BCD$



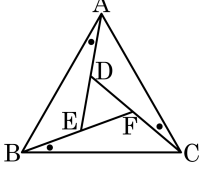
③ $\triangle ADC \sim \triangle BDC$



④ $\triangle ABC \sim \triangle ADE$



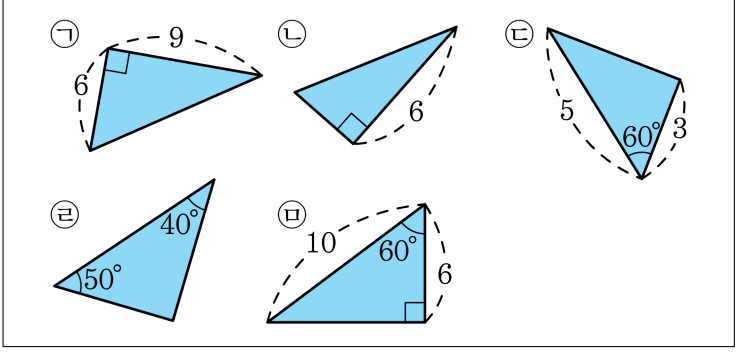
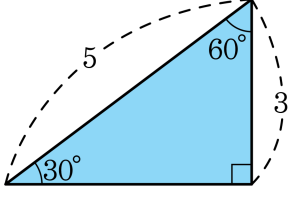
⑤ $\triangle ABC \sim \triangle DEF (\angle BAE = \angle FBC = \angle DCA)$



해설

$\angle ABC = \angle DEF, \angle BAC = \angle EDF, \angle ACB = \angle DFE$ 이므로
 $\triangle ABC \sim \triangle DEF$ (AA 답음) 이다.

2. 다음 보기 중에서 주어진 삼각형과 닮은 삼각형을 모두 골라라.



▶ 답 :

▶ 답 :

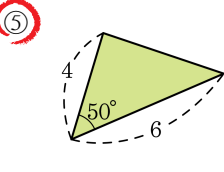
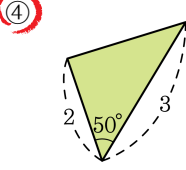
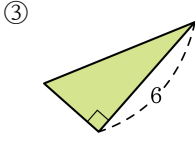
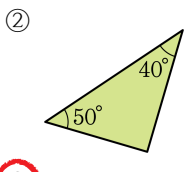
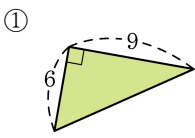
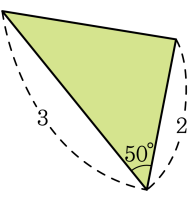
▶ 정답 : C

▶ 정답 : D

해설

C, D는 SAS 닮음이다.

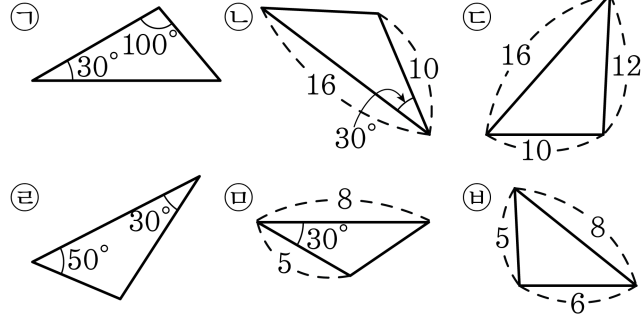
3. 다음 삼각형 중에서 주어진 삼각형과 닮은 삼각형을 모두 찾으면?



해설

④ 합동
⑤ SAS 닮음

4. 다음 삼각형 중에서 닮은 도형끼리 짝지은 것은 ?



- ① A과 D
- ② B과 D
- ③ C과 E
- ④ D과 F
- ⑤ E과 F

해설
① A과 D에서 각의 크기가 각각 $100^\circ, 30^\circ, 50^\circ$ 이므로 대응하는 각의 크기가 각각 같은 AA 답음이다.