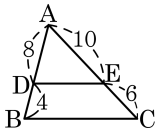
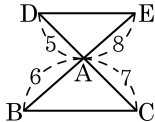


1. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 인 것은?

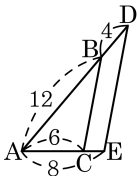
①



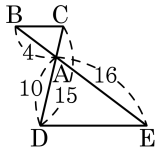
②



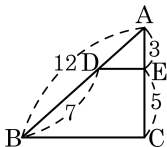
③



④

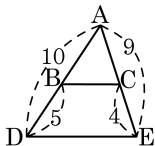


⑤

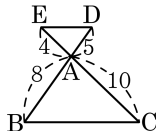


2. 다음 그림 중 $\overline{DE} \parallel \overline{BC}$ 인 것을 모두 고르면?

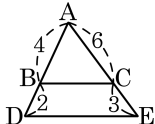
①



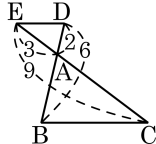
②



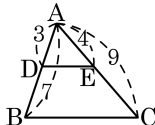
③



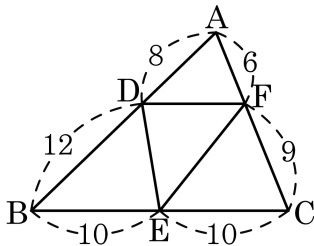
④



⑤



3. 다음 그림과 같은 $\triangle ABC$ 에서 $\triangle DEF$ 의 변에 평행한 선분을 보기에서 골라라.



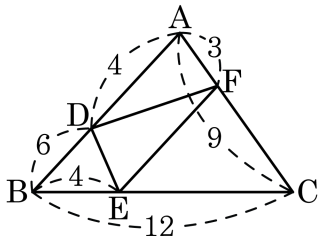
보기

$\overline{AB}, \overline{AC}, \overline{BC}$



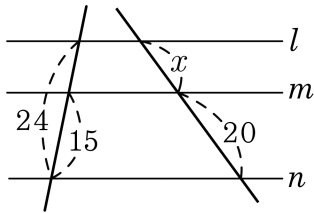
답:

4. 다음 그림의 $\overline{DE}$, $\overline{EF}$, $\overline{FD}$ 중에서 $\triangle ABC$ 의 변에 평행한 선분을 구하여라.



답: _____

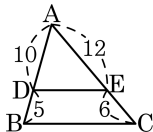
5. 다음 그림에서 $l \parallel m \parallel n$ 일 때, x 의 값을 정하여라.



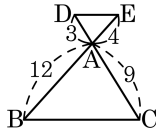
답: $x =$ _____

6. 다음 중 변 $\overline{BC}$ 와 $\overline{DE}$ 가 평행하지 않은 것은?

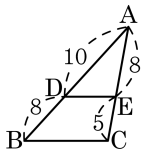
①



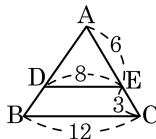
②



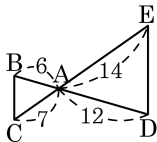
③



④

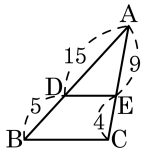


⑤

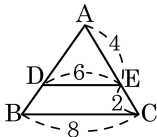


7. 다음 중 $\overline{BC}$ 와 $\overline{DE}$ 가 평행한 것은?

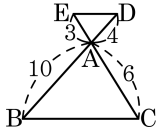
①



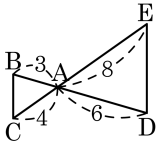
②



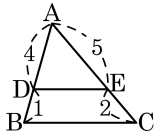
③



④

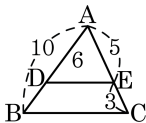


⑤

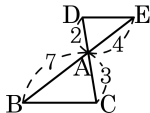


8. 다음 중 $\overline{BC} \parallel \overline{DE}$ 인 것은?

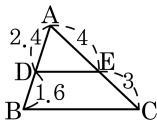
①



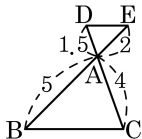
②



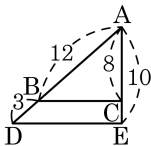
③



④

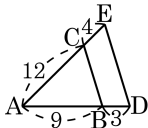


⑤

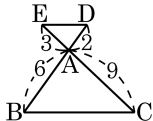


9. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 가 평행하지 않은 것은?

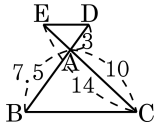
①



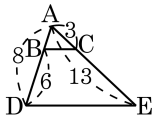
②



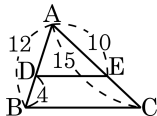
③



④

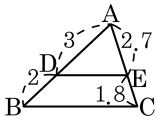


⑤

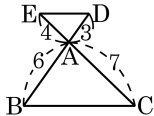


10. 다음 그림에서 $\overline{BC} // \overline{DE}$ 가 평행하지 않은 것은?

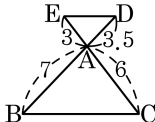
①



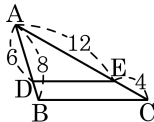
②



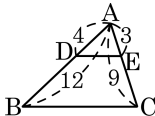
③



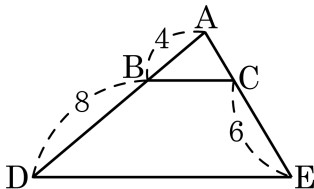
④



⑤



11. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 가 되도록 하려면 $\overline{AC}$ 의 길이는 얼마로 정하여야 하는가?



① 2

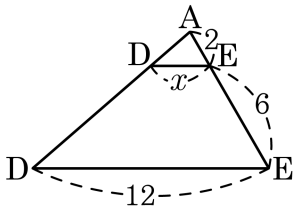
② 2.5

③ 3

④ 3.5

⑤ 4

12. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 가 되도록 하려면 x 의 길이는 얼마로 정하여야 하는가?



① 2

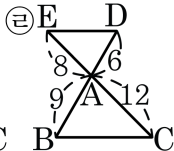
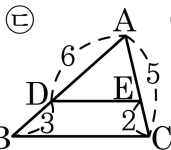
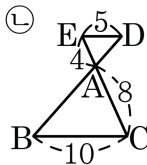
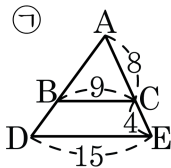
② 3

③ 4

④ 5

⑤ 6

13. 다음 그림 중 $\overline{DE} \parallel \overline{BC}$ 인 것을 두 가지 고르면?



① ㉠, ㉡

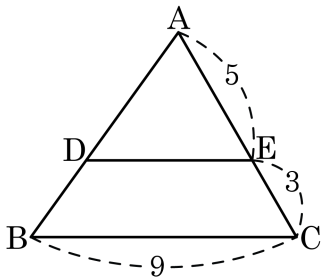
② ㉠, ㉢

③ ㉡, ㉢

④ ㉡, ㉣

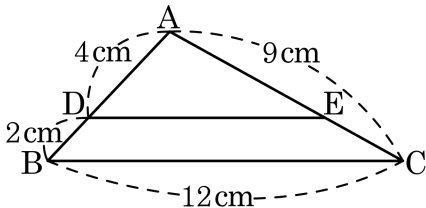
⑤ ㉠, ㉣

14. 다음 그림과 같이 $\triangle ABC$ 에서 $\overline{DE} \parallel \overline{BC}$ 일 때, 다음 중 옳지 않은 것은?



- | | |
|---|---|
| ① $\triangle ABC \sim \triangle ADE$ | ② $\overline{AD} : \overline{BD} = 5 : 3$ |
| ③ $\overline{AD} : \overline{AB} = \overline{DE} : \overline{BC}$ | ④ $\overline{DE} = \frac{45}{8}$ |
| ⑤ $\overline{BC} : \overline{DE} = 8 : 3$ | |

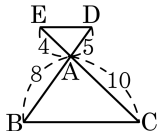
15. 다음 그림과 같이 $\triangle ABC$ 에서 $\overline{DE} \parallel \overline{BC}$ 일 때, 다음 중 옳지 않은 것은?



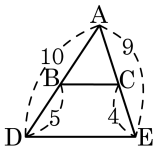
- | | |
|---|---|
| ① $\triangle ABC \sim \triangle ADE$ | ② $\overline{BC} : \overline{DE} = 3 : 2$ |
| ③ $\overline{AD} : \overline{AB} = \overline{DE} : \overline{BC}$ | ④ $\overline{DE} = 6\text{ cm}$ |
| ⑤ $\overline{CE} = 3\text{ cm}$ | |

16. 다음 그림 중 $\overline{DE} \parallel \overline{BC}$ 인 것을 두 가지 고르면?

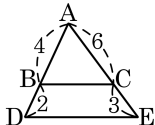
①



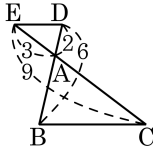
②



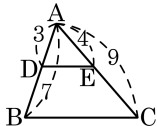
③



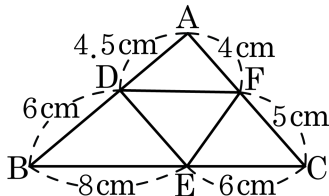
④



⑤



17. 다음 그림의 $\overline{DE}$, $\overline{DF}$, $\overline{EF}$ 중에서 $\triangle ABC$ 의 변과 평행한 선분은?



① $\overline{EF}$

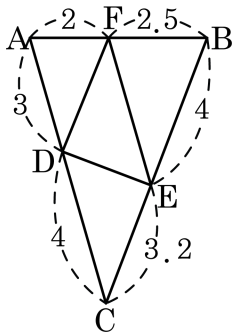
② $\overline{DF}$

③ $\overline{DE}$

④ $\overline{DE}$, $\overline{EF}$

⑤ $\overline{DF}$, $\overline{EF}$

18. 다음 그림의 $\overline{DE}$, $\overline{DF}$, $\overline{EF}$ 중에서 $\triangle ABC$ 의 변과 평행한 선분은?



① $\overline{EF}$

② $\overline{DF}$

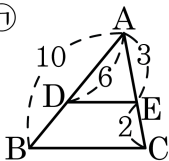
③ $\overline{DF}$, $\overline{EF}$

④ $\overline{DE}$, $\overline{EF}$

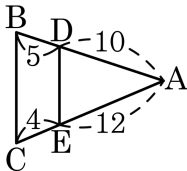
⑤ $\overline{DE}$

19. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 인 것을 모두 골라라.

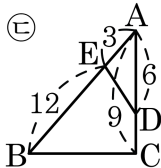
㉠



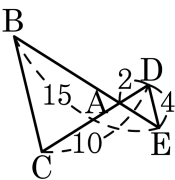
㉡



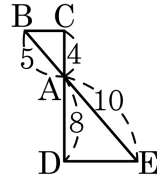
㉢



㉣



㉤

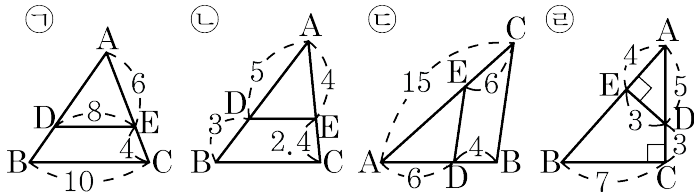


답:



답:

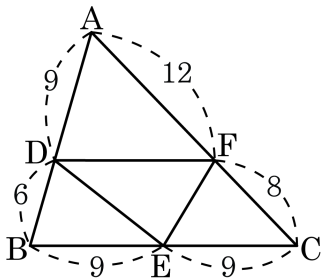
20. 다음 그림 중 $\overline{DE} \parallel \overline{BC}$ 인 것을 모두 골라라.



> 답: _____

> 답: _____

21. 다음 그림과 같은 $\triangle ABC$ 에서 옳은 것은?



① $\overline{AB} // \overline{EF}$

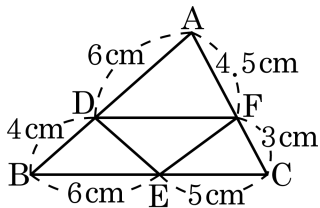
② $\overline{BC} // \overline{DF}$

③ $\overline{AC} // \overline{DE}$

④ $\triangle CAB \sim \triangle CFE$

⑤ $\triangle BAC \sim \triangle BDE$

22. 다음 그림과 같은 $\triangle ABC$ 에서 옳은 것을 모두 고르면?



① $\overline{DF} \parallel \overline{BC}$

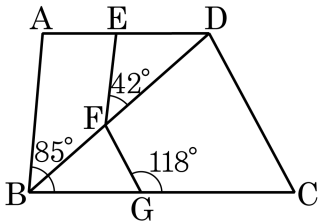
② $\overline{DF} = \frac{22}{3}$ 이다.

③ $\overline{AC} \parallel \overline{DE}$

④ $\triangle CAB \sim \triangle FAD$

⑤ $\triangle BAC \sim \triangle BDE$

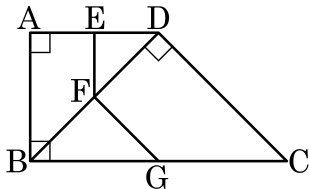
23. 다음 그림에서 $\overline{DE} : \overline{EA} = \overline{DF} : \overline{FB} = \overline{CG} : \overline{GB}$ 일 때, $\angle BDC$ 의 크기를 구하여라.



답: _____

°

24. 사각형 ABCD 에서 $\overline{DE} : \overline{EA} = \overline{DF} : \overline{FB} = \overline{CG} : \overline{GB}$ 이고,
 $\angle A = \angle ABC = \angle BDC = 90^\circ$ 일 때, 다음 중 크기가 다른 하나를
 고르면?



① $\angle ABD$

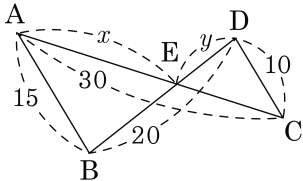
② $\angle EFD$

③ $\angle DBC$

④ $\angle FGB$

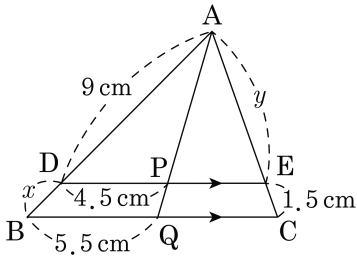
⑤ $\angle DCB$

25. 다음 그림과 같은 $\triangle ABC$ 에서 $\overline{AB} // \overline{CD}$ 일 때, x, y 에 대하여 $x + y$ 의 값을 구하여라.



답: _____

26. 다음 그림에서 $\overline{BC} \parallel \overline{DE}$ 일 때, $x + y$ 의 값을 구하여라.



답: _____