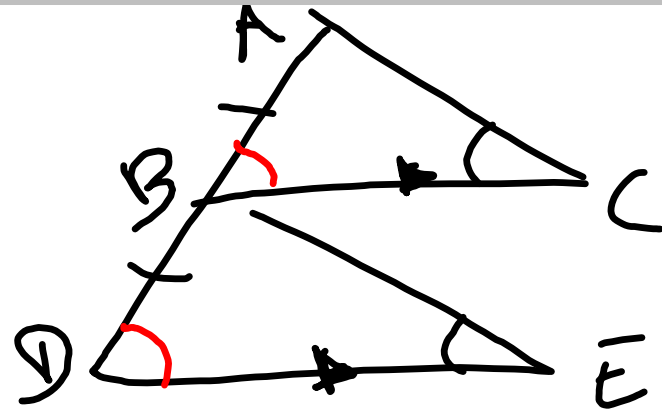


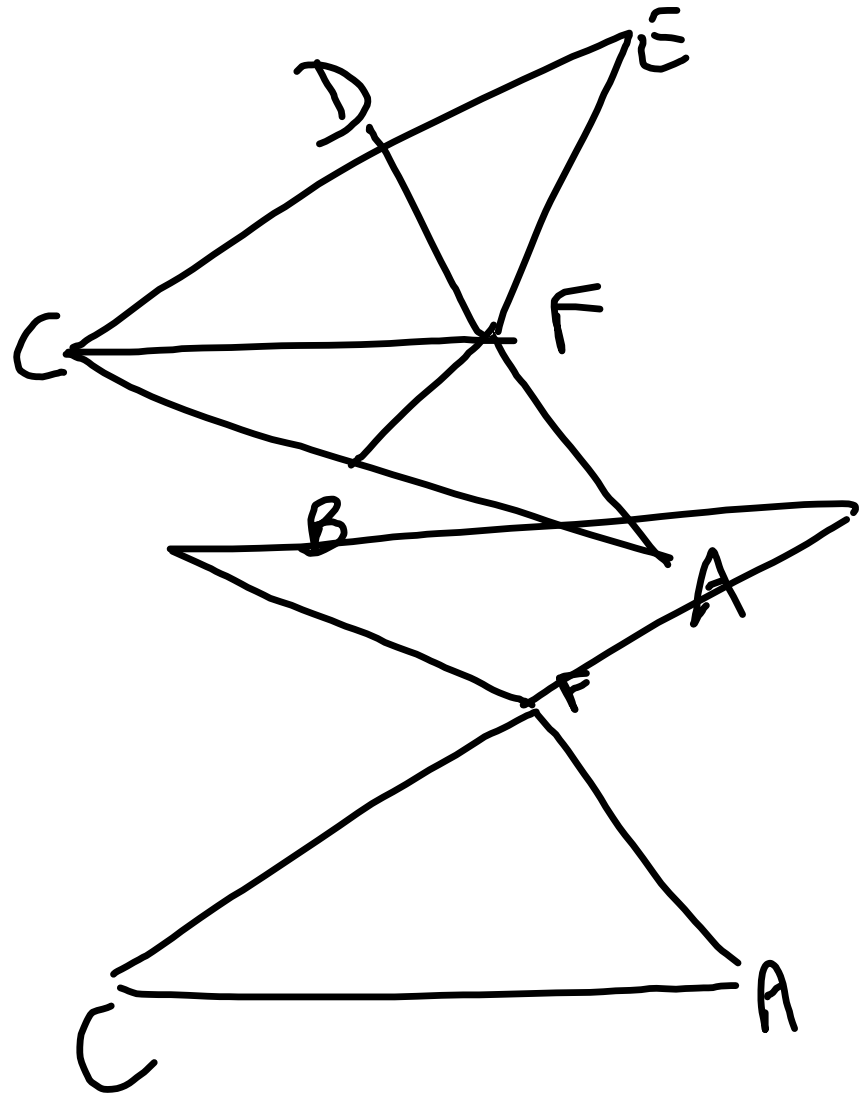
14

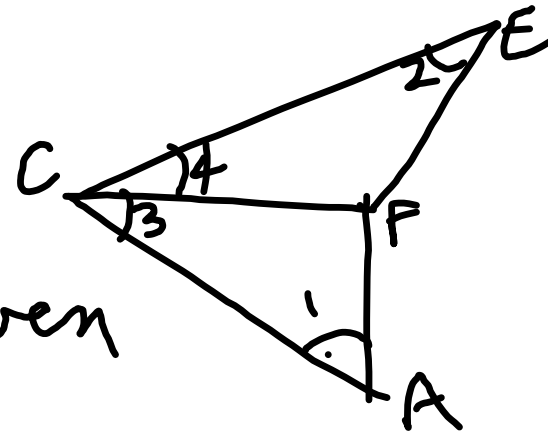
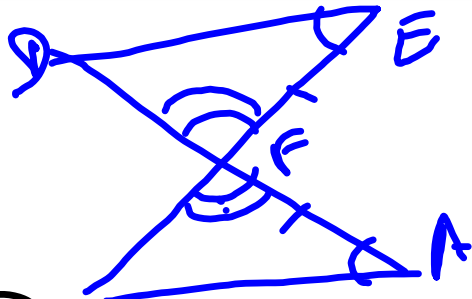


1. B is midpt of AD
2.  $\overline{AB} \cong \overline{DB}$
3.  $\angle C \cong \angle E$
4.  $\overline{BC} \parallel \overline{DE}$
5.  $\angle EDB \cong \angle CBA$
6.  $\triangle BAC \cong \triangle DBE$
7.  $\angle BAC \cong \angle DBE$

1. Given
2. def. of midpt
3. Given
4. Given
5. Corres  $\angle$ 's  $\cong$
6. AAS
7. CPCTC

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1.  $\angle 1 \cong \angle 2$

1. Given

2.  $\angle 3 \cong \angle 4$

2. Given

3.  $\overline{CF} \cong \overline{CF}$

3. Reflex  $\cong$

4.  $\triangle AFC \cong \triangle EFC$  4. AAS

5.  $\overline{EF} \cong \overline{AF}$

5. CPCTC

6.  $\angle AFB \cong \angle EFD$

6. vert  $\angle$ 's  $\cong$

7.  $\triangle AFB \cong \triangle EFD$

7. ASA

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1.  $\overline{UR} \parallel \overline{TS}$  1. Given

2.  $\angle RUS \cong \angle TSU$  2. alt int  
 $\angle s \cong$

3.  $\angle R, \angle T$  are rt  $\angle s$  3. Given

4.  $\angle R \cong \angle T$   
4. are rt  $\angle s \cong$

5.  $\overline{US} \cong \overline{US}$

5. Reflex  $\cong$

6.  $\triangle RUS \cong \triangle TSU$

6. AAS

7.  $\angle RSU \cong \angle TUS$

7. CPCTC

