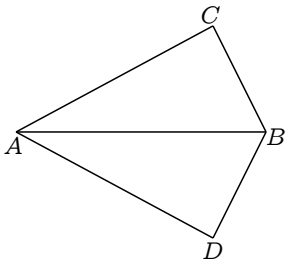
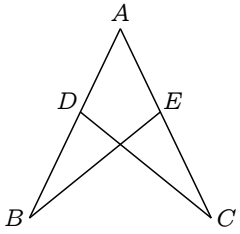
2　全等三角形的判定

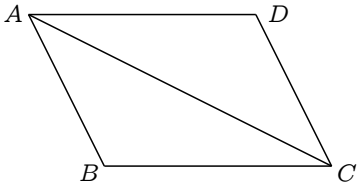
1. 已知 $AC=AD$，$\angle CAB=\angle DAB$，
求证：$\triangle ACB\cong\triangle ADB$



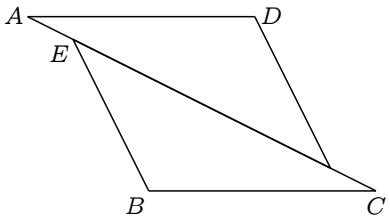
2. 已知 $AB=AC, AD=AE$.
求证：$\triangle ABE\cong\triangle ACD$



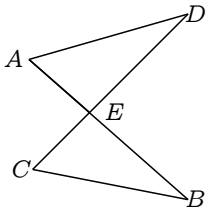
3. 已知：$AD\parallel BC$，$AD=BC$
求证：$\triangle ADC\cong\triangle CBA$



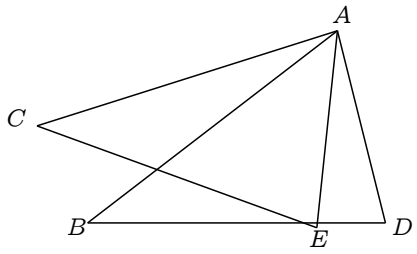
4. 已知：$AD\parallel BC$，$AD=CB, AE=CF$
求证：$\triangle AFD\cong CEB$



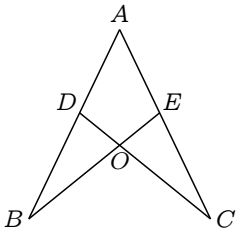
5. 已知：AB 和 CD 相交于点 E，$EA=EC$，$ED=EB$。
求证：$\triangle AED\cong\triangle CEB$



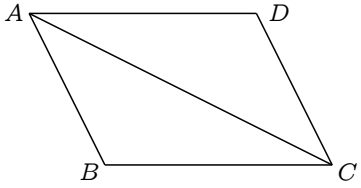
6. 已知 $AB=AC, AD=AE, \angle DAE=\angle BAC$，
求证：$\triangle ABD\cong\triangle ACE$



7. 已知：D 在 AB 上，E 在 AC 上，BE 和 CD 相交于点 O，$AB=AC, \angle B=\angle C$.
求证：$BD=CE$

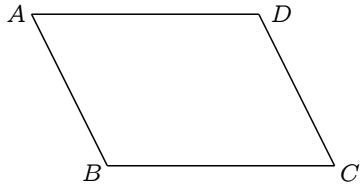


8. 已知：$AD\parallel BC, AB\parallel CD$.
求证：$\triangle ADC\cong\triangle CBA$



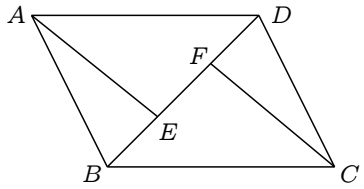
9. 已知：$AB=CD, AD=BC$

求证：$\angle A=\angle C$



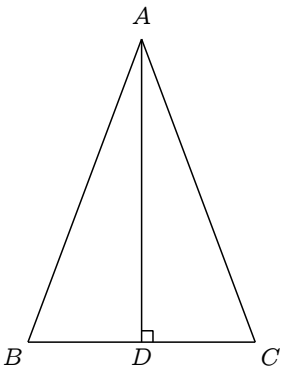
10. 已知：$BC=AD, AB=CD, E$、F 在 BD 上，且 $BE=DF$

求证：$AE=CF$



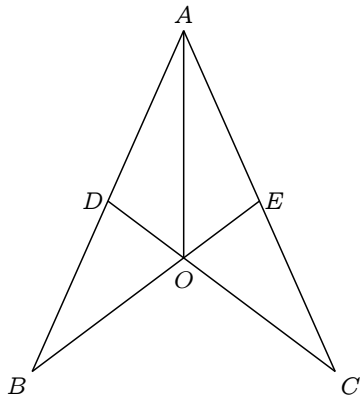
11. 已知 $\triangle ABC$ 是等腰三角形，$AB=AC, AD$ 是高。

求证：$BD=DC$



12. 已知 $AD=AE, BD=CE, CD$ 与 BE 交于点 O, 连接 OA。

求证：$\angle OAB=\angle OAC$



13. 已知 $\angle BEC=\angle BDC, BE=CD$,

求证：$\angle BAO=\angle CAO$