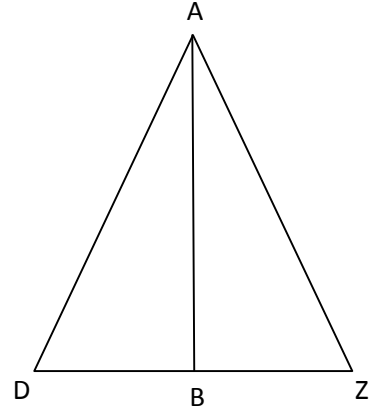


Triangle Proof Practice

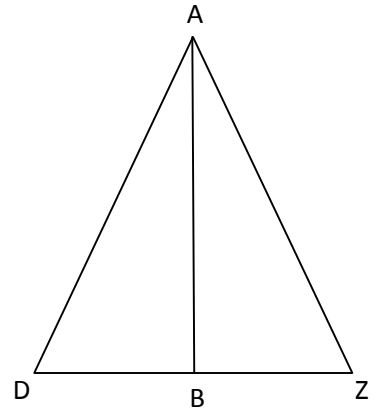
1. **Given:** $\overline{AB} \perp \overline{DZ}$, $\overline{AD} \cong \overline{AZ}$

Prove: $\triangle ZAB \cong \triangle DAB$



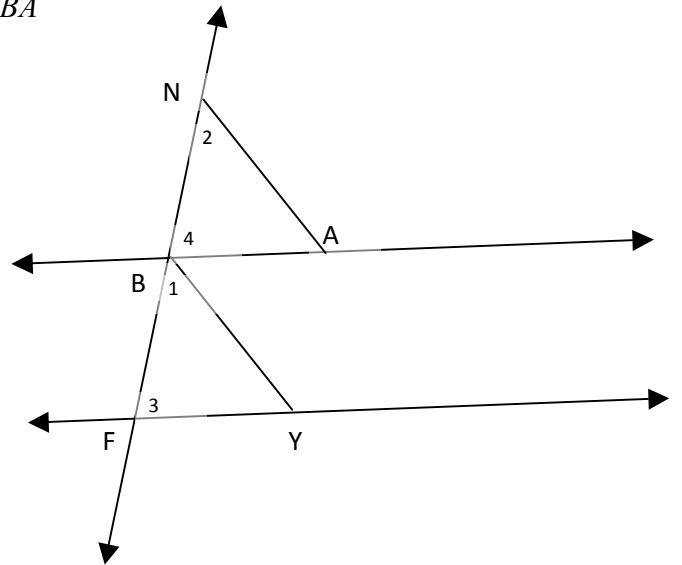
2. **Given:** \overline{AB} bisects $\angle DAZ$, $\overline{AD} \cong \overline{AZ}$

Prove: $\triangle ZAB \cong \triangle DAB$



3. **Given:** B is the midpoint of \overline{NF} , $\angle 1 \cong \angle 2$, $\overline{FY} \parallel \overline{BA}$

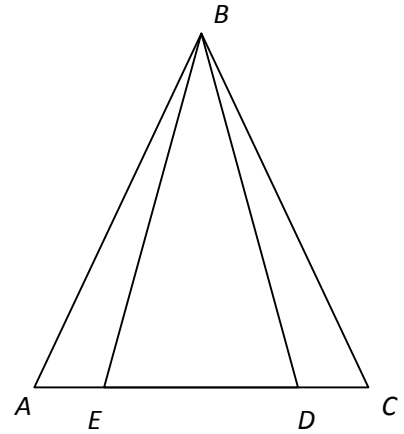
Prove: $\triangle NAB \cong \triangle BYF$



Triangle Proof Practice

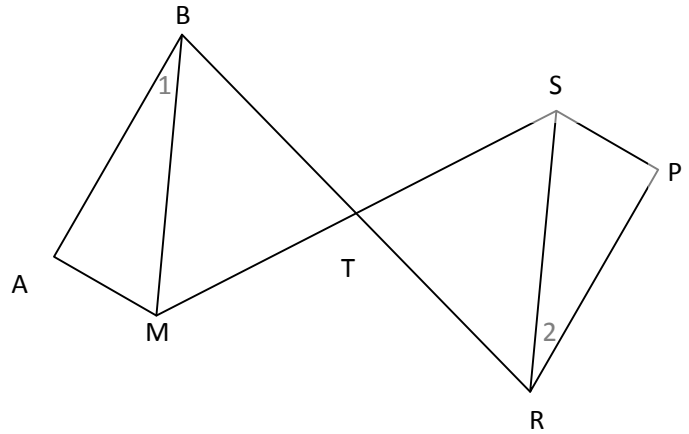
4. **Given:** $\triangle ABC$ is isosceles, $\overline{AE} \cong \overline{CD}$

Prove: $\triangle BED$ is isosceles



5. **Given:** $\angle 1 \cong \angle 2$, $\overline{BM} \parallel \overline{SR}$, T is the midpoint of \overline{SM} , $\angle A$ and $\angle P$ are right angles

Prove: $\triangle ABM \cong \triangle PRS$



Triangle Proof Practice

6. **Given:** $\angle 1 \cong \angle 2$, $\overline{AB} \cong \overline{BD} \cong \overline{DZ}$, $\angle 5 \cong \angle 6$
Prove: $\overline{AF} \parallel \overline{QZ}$

