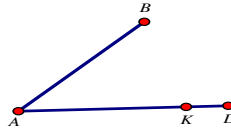


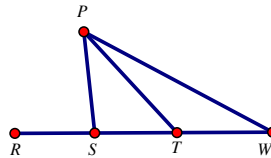
Line Segment Proofs

Be sure to use “tick” marks to show the equalities before you start the proof.

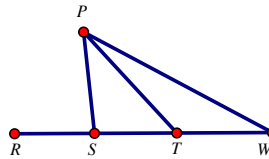
1. Given: \overline{AKD} , $AD = AB$
Prove: $AK + KD = AB$



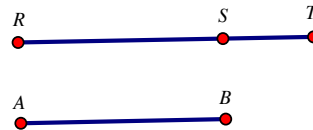
2. Given: \overline{RSTW} , $RS = TW$
Prove: $RT = SW$



3. Given: \overline{RSTW} , $RS = TW$
PT bisects \overline{SW}
Prove: $RS = ST$



4. Given: \overline{RST} , $RS = AB$
Prove: $AB + ST = RT$



5. Given: \overline{RONY} , $RO = NY$
Prove: $RN = OY$

