Name _____   Date _____
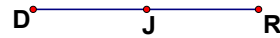Mr. Schlansky   Geometry
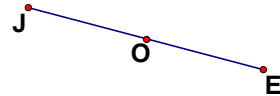
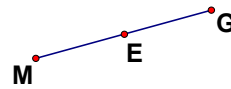# *Midpoint*

1.   Given: J is the midpoint of $\overline{DR}$
        Conclusion:
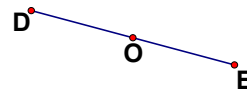   Reason:

2.   Given: O is the midpoint of $\overline{JE}$
        Conclusion:
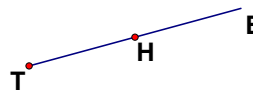   Reason:

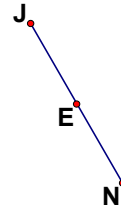3.   Given: E is the midpoint of $\overline{MG}$
        Conclusion:
        Reason:

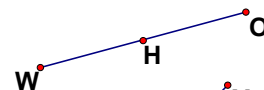4.   Given: O is the midpoint of $\overline{DE}$
        Conclusion:
        Reason:

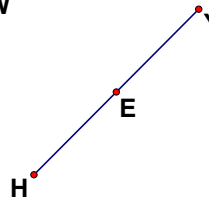5.   Given: H is the midpoint of $\overline{TE}$
        Conclusion:
        Reason:

6.   Given: E is the midpoint of $\overline{JN}$
        Conclusion:
        Reason:

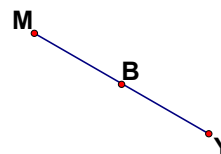7.   Given: H is the midpoint of $\overline{WO}$
        Conclusion:
        Reason:

8.   Given: E is the midpoint of $\overline{HY}$
        Conclusion:
        Reason:

9.   Given: G is the midpoint of $\overline{FB}$
        Conclusion:
        Reason:

10.   Given: B is the midpoint of $\overline{MY}$
        Conclusion:
        Reason:

Line Bisector

1.   Given: $\overline{AO}$ bisects $\overline{TC}$ at S
        Conclusion:

        Reason:

2.   Given: $\overline{NL}$ bisects $\overline{FA}$ at S
        Conclusion:

        Reason:

3.   Given: $\overline{NC}$ bisects $\overline{AH}$ at O
        Conclusion:

        Reason:

4.   Given: $\overline{AB}$ bisects $\overline{CD}$ at E
        Conclusion:

        Reason:

5.   Given: $\overline{QU}$ and $\overline{SE}$ bisect each other at O
        Conclusion 1:

        Conclusion 2:

        Reason:

6.   Given: $\overline{TA}$ and $\overline{RS}$ bisect each other at W
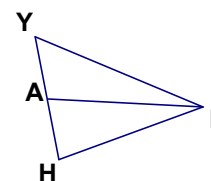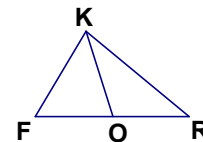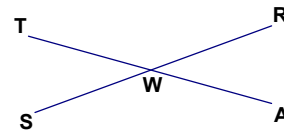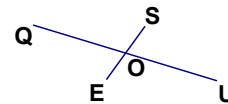   Conclusion 1:

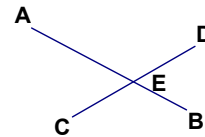   Conclusion 2:

        Reason:
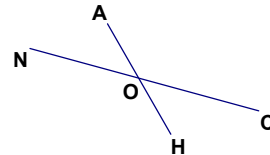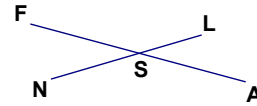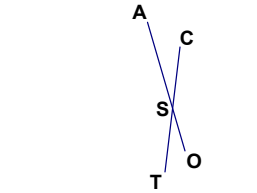
7.   Given: $\overline{KO}$ bisects $\overline{FR}$
        Conclusion:

        Reason:

8.   Given: $\overline{AI}$ bisects $\overline{YH}$
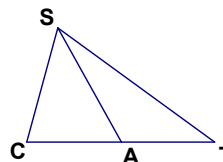   Conclusion :

        Reason:

Median

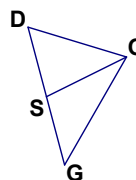1.   Given: $\overline{SA}$ is a median
        Conclusion:

        Reason:
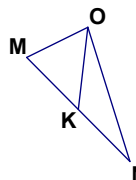
2.   Given: $\overline{OS}$ is a median
        Conclusion:

        Reason 1:

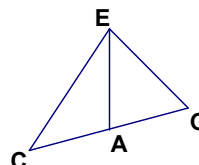3.   Given: $\overline{OK}$ is a median
        Conclusion:

        Reason:

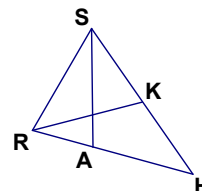4.   Given: $\overline{EA}$ is a median
        Conclusion:

        Reason:

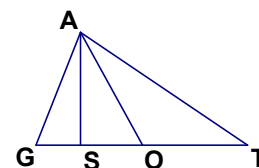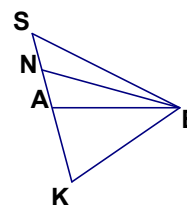5.   Given: $\overline{RK}$ is a median
        Conclusion:

        Reason:

6.   Given: $\overline{AO}$ is a median
        Conclusion:

        Reason:

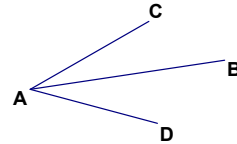7.   Given: $\overline{EA}$ is a median
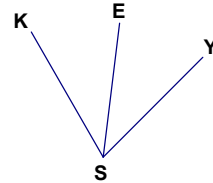   Conclusion:

        Reason :

Angle Bisector

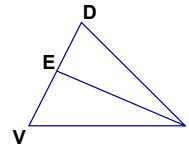1.   Given: $\overline{BA}$ bisects $\angle$CAD
      Conclusion:
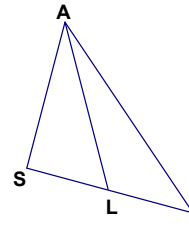   Reason:

2.   Given: $\overline{ES}$ bisects $\angle$KSY
      Conclusion:
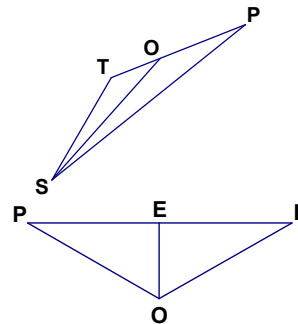   Reason:

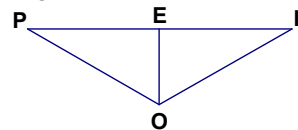3.   Given: $\overline{EI}$ bisects $\angle$DIV
      Conclusion:
      Reason:

4.   Given: $\overline{AL}$ bisects $\angle$SAI
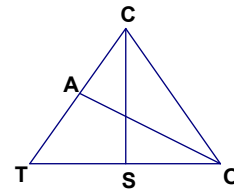   Conclusion:
      Reason:

5.   Given: $\overline{SO}$ bisects $\angle$TSP
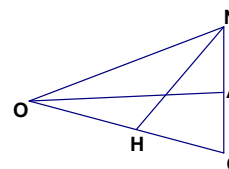   Conclusion:
      Reason:

6.   Given: $\overline{EO}$ bisects $\angle$POL
      Conclusion:
      Reason:

7.   Given: $\overline{OA}$ bisects $\angle$COT
      Conclusion:
      Reason:

8.   Given: $\overline{HN}$ bisects $\angle$ONC
      Conclusion:
      Reason:

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Perpendicular Lines

1. Given: $\overline{RW} \perp \overline{DE}$
    Conclusion:

    Reason:

2. Given: $\overline{MI} \perp \overline{RA}$
    Conclusion :

    Reason :

3. Given: $\overline{KA} \perp \overline{AE}, \overline{AE} \perp \overline{ET}$
    Conclusion:

    Reason:

4. Given: $\overline{KN} \perp \overline{VE}$
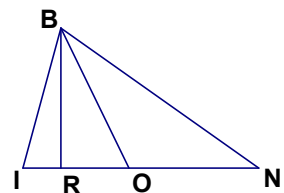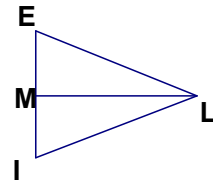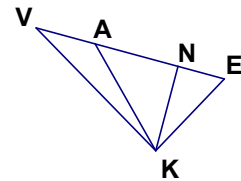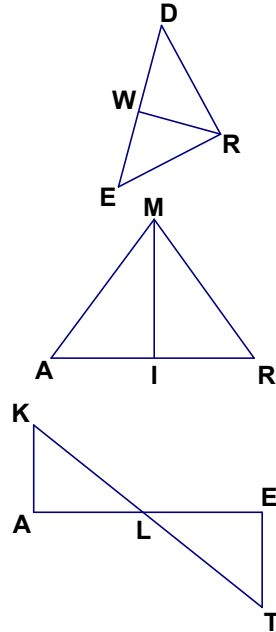   Conclusion :

    Reason :

5. Given: $\overline{LM} \perp \overline{IE}$
    Conclusion :

    Reason :

6. Given: $\overline{BR} \perp \overline{IN}$
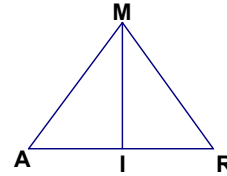   Conclusion :

    Reason :

Altitude

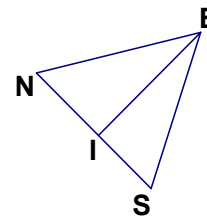1. Given: $\overline{MI}$ is an altitude
Conclusion :

Reason :

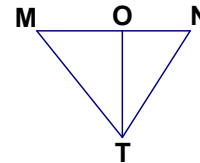2. Given: $\overline{EI}$ is an altitude
Conclusion :

Reason :
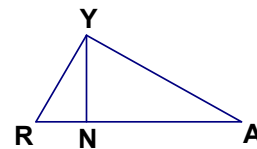
3. Given: $\overline{OT}$ is an altitude
Conclusion :

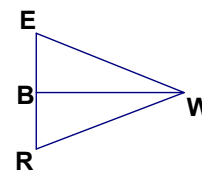Reason :

4. Given: $\overline{YN}$ is an altitude
Conclusion :

Reason :

5. Given: $\overline{WB}$ is an altitude
Conclusion :

Reason :

6. Given: $\overline{JC}$ is an altitude
Conclusion :

Reason: