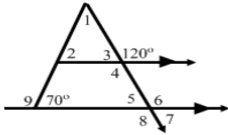
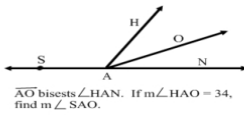


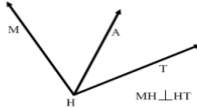
13th) Find the measure of each numbered angle.



9th)

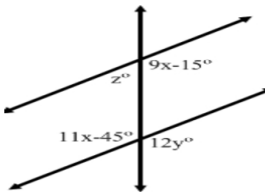


5th)



Find x if the two angles have measures $6x-4$ and $2x-10$.

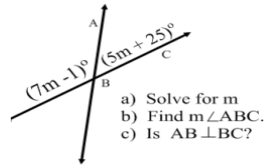
1st) Find x , y and z if the two lines are parallel.



14th) If $A(-3,4)$ and $B(5,-2)$,

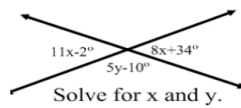
1st) Find AB .
2nd) Find the mdpt. of AB .
3rd) Find the slope.
4th) Find the slope of a line perpendicular.

15th)



16th) **Extra Credit!**
Find the volume of a Christmas tree if it is in the shape of a cone with a height of $8'$ and a base radius of $3'$.

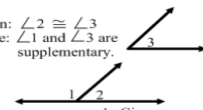
10th)



11th) If N is the midpoint of segment AT , and $AN = 2x+1$, and $NT = 3x-5$, find AT .

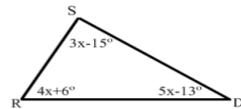
12th)

Given: $\angle 2 \cong \angle 3$
Prove: $\angle 1$ and $\angle 3$ are supplementary.



- | | |
|--|----------|
| 1. _____ | 1. Given |
| 2. $m\angle 2 = m\angle 3$ | 2. _____ |
| 3. $\angle 1$ and $\angle 2$ form a linear pair. | 3. _____ |
| 4. $\angle 1$ and $\angle 2$ are supplementary. | 4. _____ |
| 5. $m\angle 1 + m\angle 2 = 180$ | 5. _____ |
| 6. $m\angle 1 + m\angle 3 = 180$ | 6. _____ |
| 7. _____ | 7. _____ |

6th)

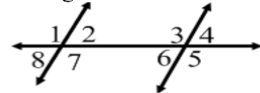


a) Find x .
b) Classify by its sides and its angles.

7th) List the sides from yesterday's triangle (SRD) from least to greatest.

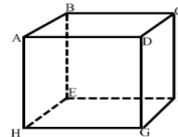
8th) Draw line AB intersecting parallel planes X and Y at points A and B respectively.

2nd) Name a pair of angles that are...



- a. corresponding
b. vertical
c. alternate interior
d. consec. Interior
e. form a linear pair

3rd) Using the drawing below, find...



- a. 2 skew segments
b. 3 coplanar points

4th) Is each pair of triangles congruent? If so, state why.

