

4-24-18

Aim: SWBAT use protractors to construct angles.

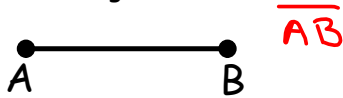
HW: None

Do Now: Correct hw

### Basic Geometric Figures

Draw a picture. Write the symbol.

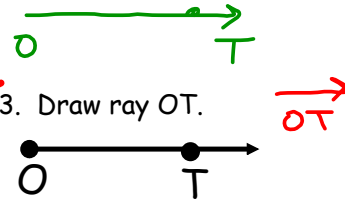
1. Draw segment AB.



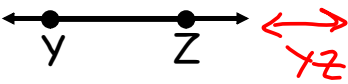
2. Draw point X.



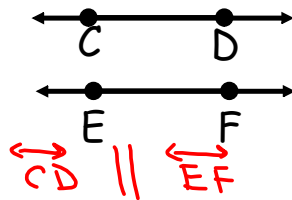
3. Draw ray OT.



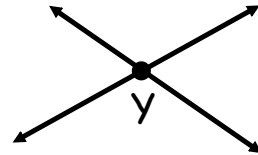
4. Draw line YZ.



5. Draw lines CD and EF that are parallel.

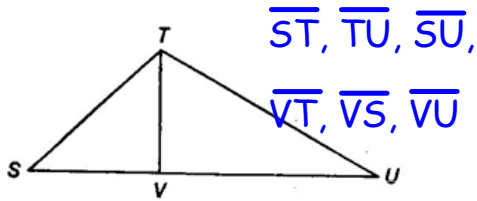


6. Draw two lines that intersect at point Y.

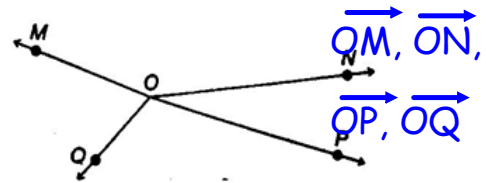


Use the figures to find the answers.

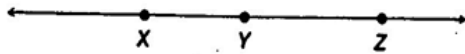
7. Name the six segments shown in the picture.



8. Name the four rays shown in the figure.

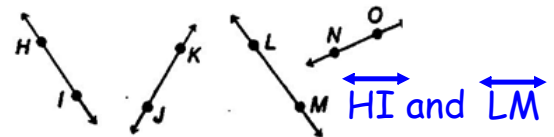


9. Use the three points to name three different segments.



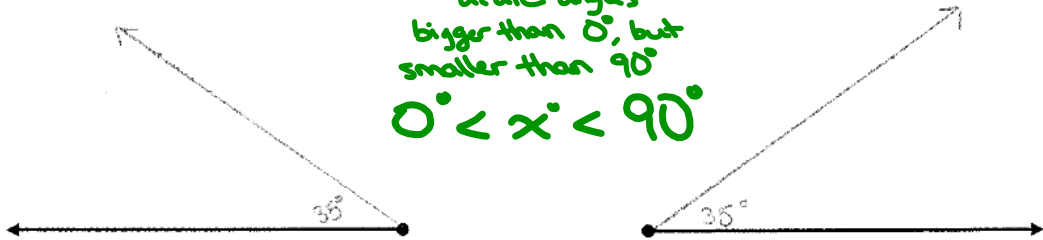
$\overline{XY}, \overline{YZ}, \overline{XZ}$

10. Which two lines appear to be parallel?

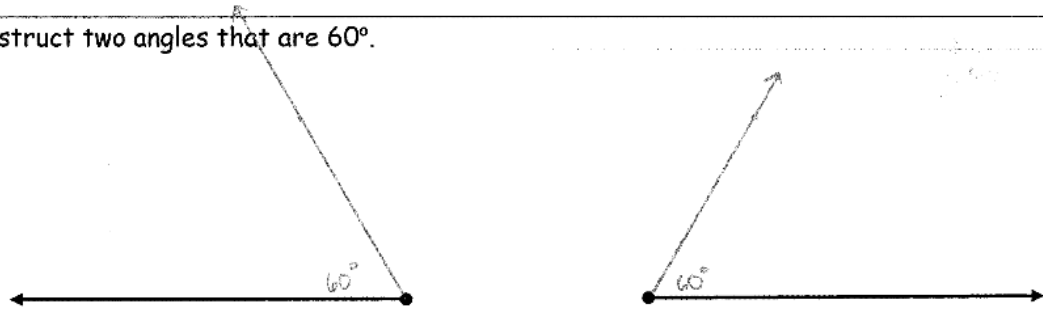


### Angle Constructions

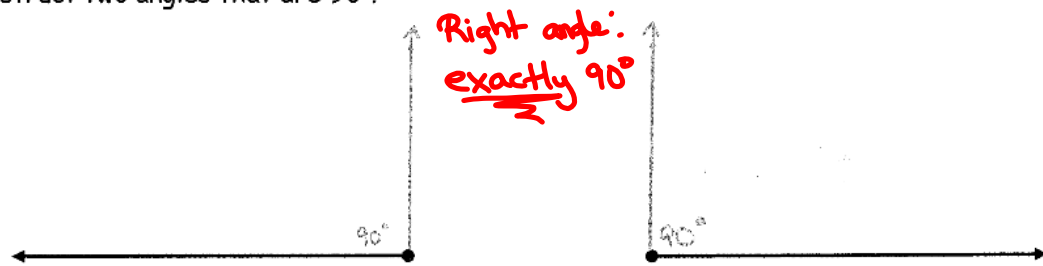
Construct two angles that are  $35^\circ$ .



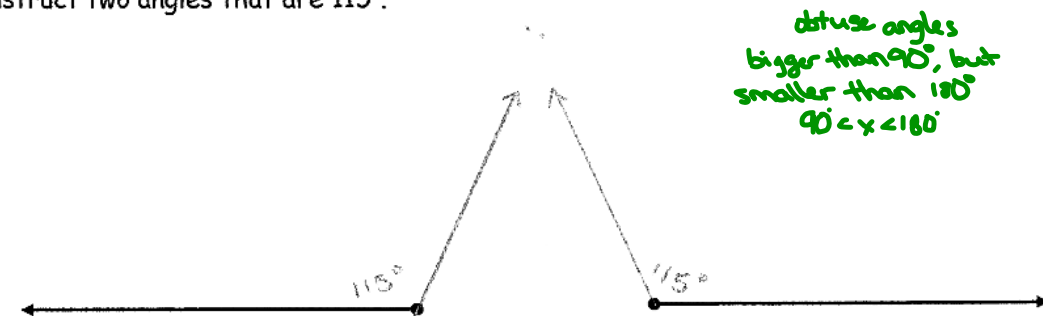
Construct two angles that are  $60^\circ$ .



Construct two angles that are  $90^\circ$ .



Construct two angles that are  $115^\circ$ .



### Angle Constructions

Construct two angles that are  $72^\circ$ .



Construct two angles that are  $143^\circ$ .

