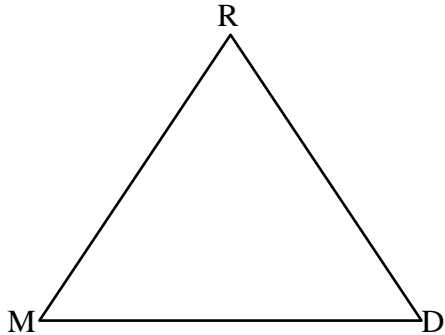


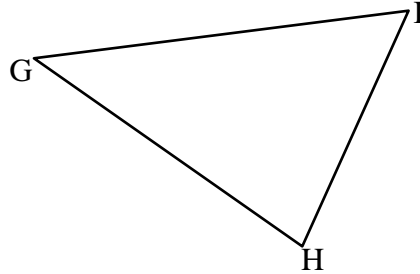
## Constructions Review 2

Perform the following constructions.

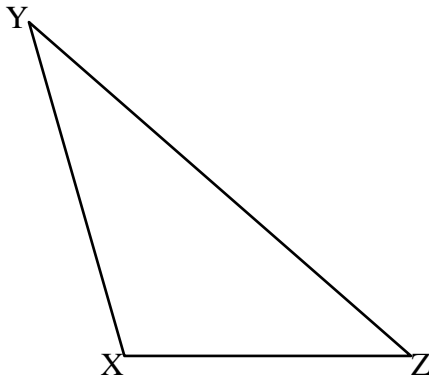
- 1) Construct the midsegment  $\overline{HA}$  in  $\triangle MRD$  that is parallel to  $\overline{RD}$ .



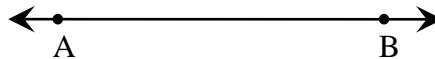
- 2) Construct the median  $\overline{IJ}$  in  $\triangle GHI$ .



- 3) Construct the altitude  $\overline{WX}$  in  $\triangle XYZ$ .

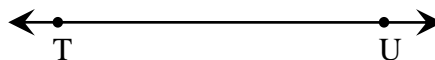


- 4) Construct a line  $\overleftrightarrow{PT}$  perpendicular to  $\overleftrightarrow{AB}$  through point P.



- 5) Construct an angle of  $135^\circ$ .

- 64) Construct a line  $\overleftrightarrow{QR}$  parallel to  $\overleftrightarrow{TU}$  through point Q.



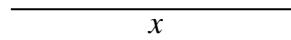
- 8) Construct a kite given the segments and the angle below:

N ————— O

N ————— P

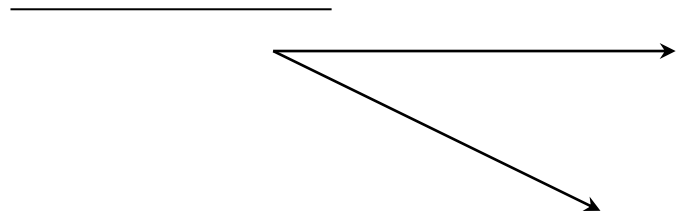


- 9) Given the following, construct an isosceles trapezoid with three side of length  $x$ .

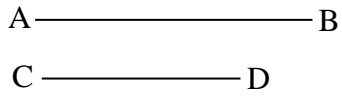


- 10) Construct a rectangle that is not a square.

- 11) Construct a rhombus using the given side and angle.



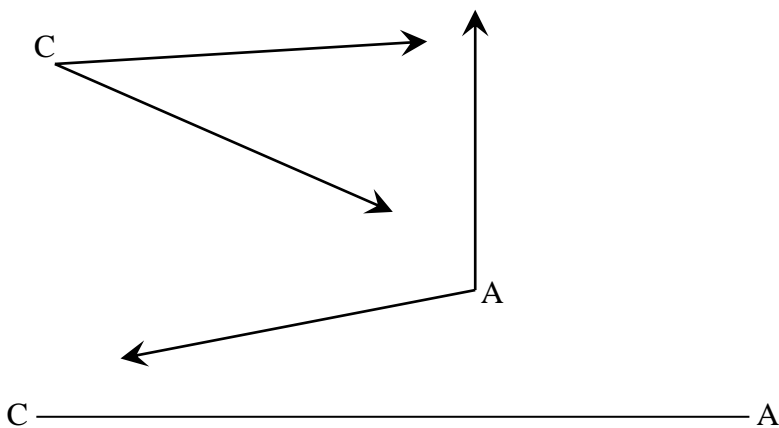
- 12) Construct segment  $EF$  with  
 $EF = 2(AB + CD)$ .



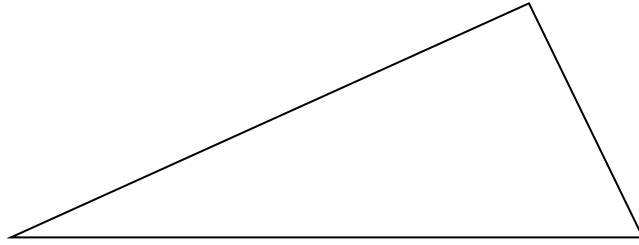
- 13) Given  $\overline{QR}$  and  $\angle Q$ , construct an isosceles triangle with  $\angle Q$  as the vertex angle and with 2 sides with length of  $\frac{1}{2}QR$ .



- 14) Construct  $\triangle CAT$



15) Construct the center of mass of the triangle



16) Construct a circle that would intersect each of the following points.

A  
•

B  
•

C  
•