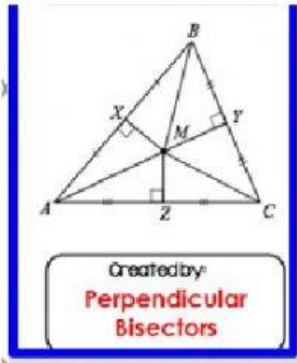
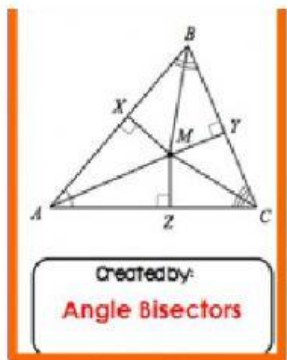


1-2 Angle Bisector

Match each figure with the correct center point:



Incenter

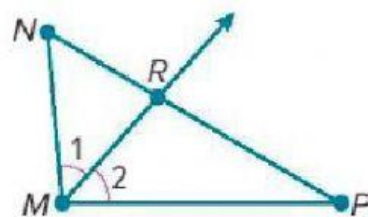


Circumcenter

Fill in the blank:

Mixed Exercises

14. **REASONING** $\overrightarrow{MR}$ is the angle bisector of $\angle NMP$. Find the value of x if $m\angle 1 = 5x + 8$ and $m\angle 2 = 8x - 16$.



- MR is ----- of $\angle NMP$
- $\angle 1 = \angle 2$

$$5x + \text{-----} = \text{-----} - 16$$

$$8 = \text{-----} - 16$$

$$\text{-----} = 3x$$

$$x = \text{-----}$$