## Geometry: 11.5 Notes

| Vertex ON the circle | The measure of the angle is $\qquad$ the measure of the |  |  |
| :---: | :---: | :---: | :---: |
| Vertex INSIDE the circle | The measure of the angle is $\qquad$ the $\qquad$ of the measures of the two |  |  |
| Vertex OUTSIDE the circle | The measure of the angle is $\qquad$ the $\qquad$ of the measures of the two $\qquad$ |  |  |

## Examples:

1. Find $\mathrm{m} \angle \mathrm{EFH}$ and measure of arc GF

2. $\mathrm{m} \angle \mathrm{AEB}$

3. Find the value of x .

b.

4. Find measure of arc YZ.

