### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Angles – Vertex Inside & Outside**

|  |  |  |
| --- | --- | --- |
| vertex is on the **CENTER** of the circle |  |  |

|  |  |  |
| --- | --- | --- |
| vertex is on the **EDGE** of the circle |  |  |

|  |  |  |
| --- | --- | --- |
| vertex is **INSIDE** of the circle |  |  |

Solve for x:

1. 
2. 
3.

|  |  |  |
| --- | --- | --- |
| vertex is **OUTSIDE** of the circle |  |  |

Solve for the variable:

**X°**

1. 
2.