**~Tangent Lines Notes~**

* Tangent: A line is \_\_\_\_\_\_\_\_\_\_\_\_ to the circle only if it is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the\_\_\_\_\_\_\_\_\_ drawn to the \_\_\_\_\_\_\_\_ \_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |
| --- | --- |
| 1. **Is AB tangent or not tangent?  *Use Pythagorean Theorem to find out.*** | 1. **Is AB tangent or not tangent?  *Use Pythagorean Theorem to find out.*** |
| 1. **Solve for x:** | 1. **Solve for x:** |

**~Party Hat problems Tangent/Tangent Notes~**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **If two \_\_\_\_\_\_\_\_\_\_\_\_\_ from the same \_\_\_\_\_\_\_\_\_\_\_ point are \_\_\_\_\_\_\_\_\_\_\_to a circle, then they are \_\_\_\_\_\_\_\_\_\_\_\_.** | | |
| 1. **Solve for x:** | | | 1. **Solve for x:** | 1. **Find NP:** |