

### Day 3 – Secant and Tangent Angles (Vertex On, Inside & Outside)

**What did the Mama Lion say when she saw her cub chasing a hunter around a tree?**

To find out, figure out the degree measure of each lettered angle and arc in the circles below. Then place the corresponding letter above each number.

- |     |     |      |     |      |     |     |     |     |    |     |     |     |      |     |    |
|-----|-----|------|-----|------|-----|-----|-----|-----|----|-----|-----|-----|------|-----|----|
| 203 | 66  | 19   | 60  | 37.5 | 76  | 129 | 107 | 135 | 60 | 25  | 51  | 203 | 37.5 | 100 | 25 |
| 135 | 107 | 66   | 105 | 35   | 129 | 66  | 48  | 76  | 66 | 107 | 107 | 66  |      |     |    |
| 170 | 105 | 37.5 | 129 | 19   | 135 | 107 | 203 | 129 | 66 | 48  | 81  | 96  | 66   | 66  | 35 |

