

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 above each number in the code place the corresponding letter.

REMEMBER:

1. A central angle equals its intercepted arc.
2. An inscribed angle equals one-half its intercepted arc.
3. An angle formed by a chord and a tangent equals one-half the intercepted arc.
4. An angle formed by two chords equals half the sum of the intercepted arcs.
5. An angle formed by two secants equals half the difference of the intercepted arcs.

203 66 19 60 37½ 76 129 107 135 60 15 51 203 37½ 100 15
 135 107 66 105 35 129 66 48 76 66 107 107 66
 170 105 37½ 129 19 135 107 203 129 66 48 81 96 66 66 35

