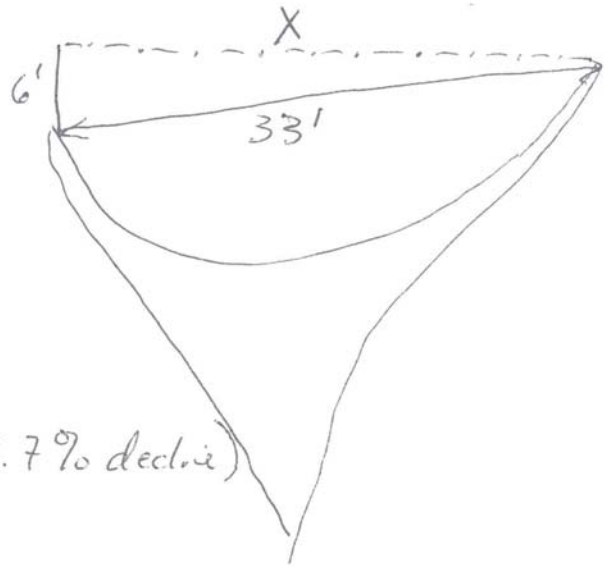
**APPENDIX 9. Some simple geometry.** How much does the front profile of the net change with offsets (extreme proportional change)?

## Some Simple Geometry

How much does the Front Profile of the NET change with offsets (extreme proportional change)?

Normal NET – 33 foot wing spread




6' offset:

$33^2 = 6^2 + X^2$

$X^2 = 33^2 - 6^2$

$X^2 = 1089 - 36$

$X^2 = 1053$

$X = 32.45'$ (1.7% decline)

12' offset

$33^2 = 12^2 + X^2$

$X^2 = 33^2 - 12^2$

$X^2 = 1089 - 144$

$X^2 = 945$

$X = 30.74'$ (6.8% decline)