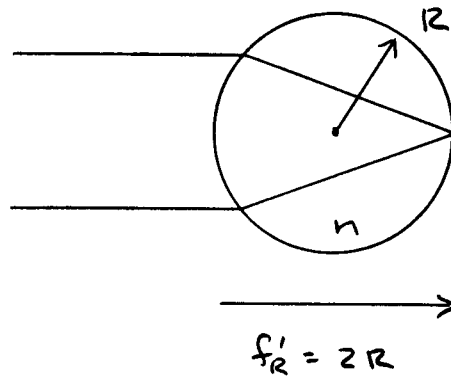


# Special Spherical Ball



1

$$\phi = (n-1)C = (n-1)/R$$

$$f'_R = 2R = \frac{n}{\phi}$$

$$2R = \frac{n}{(n-1)R}$$

$$2 = \frac{n}{n-1}$$

$$\boxed{n = 2}$$