$$\frac{9}{n=s} = \frac{35}{5n-8} = \frac{35}{5n-8} - \frac{4}{5(5n-8)}$$

$$\frac{1}{n=s} = \frac{35}{5n-8} = \frac{35}{5(5n-8)} - \frac{1}{5(5n-8)}$$

$$\frac{1}{n=s} = \frac{35}{5(5n-8)}$$

$$\frac{1}{n=s} = \frac{35}{5(5n-8)}$$

$$\frac{1}{n=s} = \frac{35}{5(5n-8)}$$

$$\frac{2}{2} \ln \left(\frac{k+1}{k} \right) = \ln (k+1) - \ln k$$

$$= \ln 2 - \ln 1 + \ln 3 - \ln 2 + \dots + \ln 1 - \ln 1$$

$$= \ln 11 - \ln 1 = \ln 1$$

$$\frac{3b}{167} + \frac{95\%}{52} + \frac{95\%}{52} + \frac{1}{100}$$

$$P(D + 1) = P(D + 1)$$

$$= \frac{(0.04)(0.95)^{2}}{(0.04)(0.95)^{2}} = \frac{0.0361}{0.037636} = 95.9188$$

Birthday Problem. Q: How may people are
recessory to ensure
the Probability of 2
people havy The same Boly is 5%
A: 78? upperboud 366 (boxelbood: 2%
(50% Camplement Principle 1207. P(no me having the same B-day)
247. P(noone has mbday) N= # of people
97.72= 365.364
2 99.22= 365.364.363 4 98.4% = 365.364.363.22 = 365 P4 365 Y 365 Pn f(n)= 365 Pn
(365)

