

ex: 3, 7, 15, 23, 35, 36, 37,  
50, 81, 103

FIND THE ACTUAL PERCENTAGE BETWEEN 20 AND 40

①  $x = 4$

②  $n = 10$

③  $\frac{x}{n} \cdot 100 = \frac{4}{10} \cdot 100 = 40\%$

ex:  $k = 2$

$$1 - \frac{1}{k^2} = 1 - \frac{1}{2^2} = 1 - \frac{1}{4} = \frac{3}{4} = .75 \quad 75\%$$

ex:  $\bar{x} = 10, s = 2$ , WITHIN  $\frac{2}{k=2}$  STD. DEVS.

$$(\bar{x} - ks, \bar{x} + ks)$$

$$(10 - 2(2), 10 + 2(2))$$

$$(6, 14)$$