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Nombre del trabajo:

EJERCICIOS

Materia:

Grado: 4°

Grupo: "A"

Comitán de Domínguez Chiapas a 29 de OCTUBRE de 2021

Ejercicios

$$N = 15000$$

$$B = 1000$$

$$S^2 = 950$$

$$n =$$

$$D = \frac{(1000)^2}{4(15000)^2} = 0.00111$$

$$n = \frac{(15000)(950)}{(14999)(0.00111) + 950} = \underline{14,742} \#$$

$$N = 22000$$

$$B = 975$$

$$S^2 = 950$$

$$n =$$

$$D = \frac{(975)^2}{4(22000)^2} = 0.000491$$

$$n = \frac{(22000)(950)}{(21999)(0.000491) + 950} = \underline{21,753} \#$$

$$N = 32000$$

$$B = 1500$$

$$S^2 = 1300$$

$$n =$$

$$D = \frac{(1500)^2}{4(32000)^2} = 0.000549$$

$$n = \frac{(32000)(1300)}{(31999)(0.000549) + (1300)} = \underline{31,574} \#$$

$$N = 12,500$$

$$B = 1250$$

$$S^2 = 1200$$

$$n =$$

$$D = \frac{(1250)^2}{4(12500)^2} = 0.0025$$

$$n = \frac{(12500)(1200)}{(12499)(0.0025) + (1200)} = \underline{12,183} \#$$

5

$$N = 20,000$$

$$B = 800$$

$$S = 75$$

$$n =$$

$$D = \frac{(800)^2}{4(20000)^2} = 0.0004$$

$$n = \frac{(20000)(5625)}{(19999)(0.0004) + (5625)} = \underline{19972} \#$$

6

$$N = 17,500$$

$$B = 1600$$

$$S = 150$$

$$n =$$

$$D = \frac{(1600)^2}{4(17500)^2} = 0.00208$$

$$n = \frac{(17500)(22500)}{(17499)(0.00208) + (22500)} = \underline{17472}$$

7

$$N = 1800$$

$$B = 1000$$

$$S = 25$$

$$n =$$

$$D = \frac{(1000)^2}{4(1800)^2} = 0.0771$$

$$n = \frac{(1800)(25)^2}{(1799)(0.0771) + (25)^2} = \underline{1473} \#$$

8

$$N = 14500$$

$$B = 1000$$

$$S^2 = 1000$$

$$n =$$

$$D = \frac{(1000)^2}{4(14500)^2} = 0.00118$$

$$n = \frac{(14500)(1000)}{(14499)(0.00118) + (1000)} = \underline{14256} \#$$

9

$$N = 21000$$

$$B = 1500$$

$$S = 100$$

$$n =$$

$$D = \frac{(1500)^2}{4(21000)^2} = 0.00127$$

$$n = \frac{(21000)(100)^2}{(20999)(0.00127) + (100)^2} = \underline{20,945}$$

⑩
 $N = 21000$
 $B = 1000$
 $S^2 = 1000$

$$D = \frac{(1000)^2}{4(21000)^2} = 0.000566$$

$$n = \frac{(21000)(1000)}{(20999)(0.000566) + (1000)} = 20754 //$$

⑪
 $N = 15500$
 $B = 1000$
 $S = 950$
 $n =$

$$D = \frac{(1000)^2}{4(15500)^2} = 0.0000104$$

$$n = \frac{(15500)(950)^2}{(15499)(0.0000104) + (950)^2} = 15,500 //$$

⑫
 $N = 13000$
 $B = 1100$
 $S = 1050$
 $n =$

$$D = \frac{(1100)^2}{4(13000)^2} = 0.00178$$

$$n = \frac{(13000)(1050)}{(12999)(0.00178) + (1050)} = 12,720 //$$