Realiza la distribución de frecuencia de los grupos de datos que encontraras a continuación. Deberás haber estudiado la lección 15.

1. 20, 21, 30, 26, 24, 20, 22, 20, 21, 30, 26, 25, 22, 25, 31, 20, 26, 24, 22, 20, 32, 30, 21, 30, 24, 28, 22, 31, 20, 21, 30, 26, 25, 22, 25.

N= 35

20,20,20,20,20,20,21,21,21,21,22,22,22,22,22,24,24,24,25,25,25,25,26,26,26,26,28,30,30,30,30,30,31,31,32.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XI | fi | FI | ni | NI | ni% | NI% |
| 20 | 6 | 6 | 6/35= 0.1714 | 0.1714 | 17.14 | 17.14 |
| 21 | 4 | 10 | 4/35= 0.1142 | 0.2856 | 11.42 | 28.56 |
| 22 | 5 | 15 | 5/35= 0.1428 | 0. 4284 | 14.28 | 42.84 |
| 24 | 3 | 18 | 3/35= 0.0857 | 0.5141 | 8.57 | 51.41 |
| 25 | 4 | 22 | 4/35= 0.1142 | 0.6283 | 11.42 | 62.83 |
| 26 | 4 | 26 | 4/35= 0.1142 | 0.7425 | 11.42 | 74.25 |
| 28 | 1 | 27 | 1/35= 0.0285 | 0.7710 | 2.85 | 77.1 |
| 30 | 5 | 32 | 5/35= 0.1428 | 0.9138 | 14.28 | 91.38 |
| 31 | 2 | 34 | 2/35= 0.0571 | 0.9709 | 5.71 | 97.09 |
| 32 | 1 | =35 | 1/35= 0.0285 | =(0.9994) 1 | 2.85 | =542.6% |
|  | =35 |  | =(0.9994) 1 |  | =(99.94)100% |  |

1. 10, 11, 15, 10, 18, 12, 18, 16, 11, 13, 17, 18, 14, 18, 14, 19, 10, 17, 11, 11, 13, 15, 14, 19, 16, 17, 16, 12, 11, 10, 18, 12, 18, 16, 11, 13, 17.

N= 37

10,10,10,10,11,11,11,11,11,11,12,12,12,13,13,13,14.14.14,15,15,16,16,16,16,17,17,17,17,18,18,18,18,18,18,19,19,

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XI | fi | FI | ni | NI | ni% | NI% |
| 10 | 4 | 4 | 4/37= 0.1081 | 0.1081 | 10.81 | 10.81 |
| 11 | 6 | 10 | 6/37= 0.1621 | 0.2702 | 16.21 | 27.02 |
| 12 | 3 | 13 | 3/37= o.o810 | 0.3512 | 8.1 | 35.12 |
| 13 | 3 | 16 | 3/37= o.o811 | 0.4322 | 8.1 | 43.22 |
| 14 | 3 | 19 | 3/37= o.o812 | 0.5132 | 8.1 | 51.32 |
| 15 | 2 | 21 | 2/37= 0.0540 | 0.5672 | 5.4 | 56.72 |
| 16 | 4 | 25 | 4/37= 0.0540 | 0.6753 | 10.81 | 67.53 |
| 17 | 4 | 29 | 4/37= 0.1081 | 0.7834 | 10.81 | 78.34 |
| 18 | 6 | 35 | 6/37= 0.1621 | 0.9455 | 16.21 | 94.55 |
| 19 | 2 | =37 | 2/37= 0.0540 | =(0.9995) 1 | 5.40 | =464.63% |
|  | =37 |  | =(0.9995) 1 |  | =(99.95) 100% |  |

1. 2, 4, 6, 3, 6, 4, 4, 5, 5, 4, 7, 3, 5, 4, 3, 3, 5, 6, 3, 4, 3, 4, 3, 4, 3, 2, 4, 2, 2, 3, 3, 3, 3, 3, 4, 4, 4, 6, 4, 3, 4, 4, 4, 4, 4, 5, 5, 5, 5, 6, 6, 7.

N= 52

2,2,2,2,3,3,3,3,3,3,3,3,3,3,3,3,3,3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,5,5,5,5,5,5,5,5,6,6,6,6,6,6,7,7.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XI | fi | FI | ni | NI | ni% | NI% |
| 2 | 4 | 4 | 4/52= 0.0792 | 0.0792 | 7.92 | 7.92 |
| 3 | 14 | 18 | 14/52= 0.2692 | 0.3484 | 26.92 | 34.84 |
| 4 | 18 | 36 | 18/52= 0.3661 | 0.6945 | 34.61 | 69.45 |
| 5 | 8 | 44 | 8/52= 0.1538 | 0.8483 | 15.38 | 84.83 |
| 6 | 6 | 50 | 6/52= 0.1153 | 0.9636 | 11.53 | 96.36 |
| 7 | 2 | =52 | 2/52= 0.0384 | =(1.002) 1 | 3.84 | =320.4% |
|  | =52 |  | =(1.002) 1 |  | =(100.2) 100% |  |