INSTRUCCIONES: calcula las medidas de tendencia central para datos no agrupados, de los siguientes grupos de datos. Deberás haber estudiado la lección 14.

MEDIA

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **xi** | **fi** | **Fi** | **no** | **Ni** | **ni%** | **Ni%** |
| 2 | 4 | 4 | 0,0769 | 0,0769 | 769% | 8,00 |
| 3 | 14 | 18 | 0,2692 | 0,3462 | 3462% | 42,62 |
| 4 | 18 | 36 | 0,3462 | 0,6923 | 6923% | 111,85 |
| 5 | 8 | 44 | 0,1538 | 0,8462 | 8462% | 196,46 |
| 6 | 6 | 50 | 0,1154 | 0,9615 | 9615% | 292,62 |
| 7 | 2 | 52 | 0,0385 | 1,0000 | 10000% | 392,62 |

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.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **xi** | **fi** | **Fi** | **no** | **Ni** | **ni%** | **Ni%** |
| 20 | 5 | 5 | 0,1786 | 0,1786 | 17,8571 | 17,8571 |
| 21 | 3 | 8 | 0,1071 | 0,2857 | 10,7143 | 28,5714 |
| 22 | 4 | 12 | 0,1429 | 0,4286 | 14,2857 | 42,8571 |
| 24 | 3 | 15 | 0,1071 | 0,5357 | 10,7143 | 53,5714 |
| 25 | 2 | 17 | 0,0714 | 0,6071 | 7,1429 | 60,7143 |
| 26 | 3 | 20 | 0,1071 | 0,7143 | 10,7143 | 71,4286 |
| 28 | 1 | 21 | 0,0357 | 0,7500 | 3,5714 | 75,0000 |
| 30 | 4 | 25 | 0,1429 | 0,8929 | 14,2857 | 89,2857 |
| 31 | 2 | 27 | 0,0714 | 0,9643 | 7,1429 | 96,4286 |
| 32 | 1 | 28 | 0,0357 | 1,0000 | 3,5714 | 100,0000 |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **xi** | **fi** | **Fi** | **no** | **Ni** | **ni%** | **Ni%** |
| 10 | 4 | 4 | 0,1333 | 0,1333 | 13,333 | 13,333 |
| 11 | 5 | 9 | 0,1667 | 0,3000 | 16,667 | 30,000 |
| 12 | 2 | 11 | 0,0667 | 0,3667 | 6,667 | 36,667 |
| 13 | 2 | 13 | 0,0667 | 0,4333 | 6,667 | 43,333 |
| 14 | 3 | 16 | 0,1000 | 0,5333 | 10,000 | 53,333 |
| 15 | 2 | 18 | 0,0667 | 0,6000 | 6,667 | 60,000 |
| 16 | 3 | 21 | 0,1000 | 0,7000 | 10,000 | 70,000 |
| 17 | 3 | 24 | 0,1000 | 0,8000 | 10,000 | 80,000 |
| 18 | 4 | 28 | 0,1333 | 0,9333 | 13,333 | 93,333 |
| 19 | 2 | 30 | 0,0667 | 1,0000 | 6,667 | 100,000 |