**EXERCÍCIO D**

|  |  |  |  |
| --- | --- | --- | --- |
| **Xi** | **Fi** | **XiFi** | **DN x Fi** |
| 17 | 3 | 51 | 10,16 |
| 18 | 18 | 324 | 12,70 |
| 19 | 17 | 323 | 0,44 |
| 20 | 8 | 160 | 10,76 |
| 21 | 4 | 84 | 18,66 |
| **TOTAIS** | **50** | **942** | **52,72** |

D1 = (17 – 18,84)2 = **3,39**

D2 = (18 – 18,84)2 = **0,71**

D3 = (19 – 18,84)2 = **0,03**

D4 = (20 – 18,84)2 = **1,35**

D5 = (21 – 18,84)2 = **4,87**

σ2 =

σ =

**EXERCÍCIO E**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **X** | **Xi** | **Fi** | **XiFi** | **DN x Fi** |
| 150 – 160 | 155 | 2 | 310 | 1.236,04 |
| 160 – 170 | 165 | 15 | 2.475 | 3.312,03 |
| 170 – 180 | 175 | 18 | 3.150 | 425,16 |
| 180 – 190 | 185 | 18 | 3.330 | 475,56 |
| 190 – 200 | 195 | 16 | 3.120 | 3.667,52 |
| 200 – 210 | 205 | 1 | 205 | 632,02 |
| **TOTAIS** |  | **70** | **12.590** | **9.739,33** |

D1 = (155 – 179,86)2 = **618,02**

D2 = (165 – 179,86)2 = **220,82**

D3 = (175 – 179,86)2 = **23,62**

D4 = (185 – 179,86)2 = **26,42**

D5 = (195 – 179,86)2 = **229,22**

D6 = (205 – 179,86)2 = **632,02**

σ2 =

σ =