

☐ 最頻値（モード）とは、最も多く出てくる値

1, 3, 3, **4, 4, 4, 4, 4, 4**, 5, 5, 5, 5, 5 (点)

得点の最頻値 = 4点

☐ 範囲（レンジ） = 最大値 - 最小値

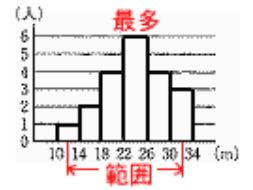
2, 4, 5, 5, 7, 8, 10 (点)

得点の範囲 = $10 - 2 = 8$ 点

★ 右のグラフでは

最頻値 = $(22 + 26) \div 2 = 24$ m

範囲 = $32 - 12 = 20$ m



印刷して、紙の上でやってネ！

| <p>それぞれのデータの最頻値を求めなさい。</p> <p>(1) 10人のゲーム得点 7, 6, 9, 6, 5, 0, 2, 6, 7, 4 (点)</p> <p>(2) さいころを投げたとき、出た目の回数</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>目</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>計</td></tr> <tr><td>回数</td><td>3</td><td>1</td><td>6</td><td>4</td><td>4</td><td>2</td><td>20</td></tr> </table> <p>(3) ぼうしのサイズ50人分</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>サイズ(cm)</td><td>54</td><td>56</td><td>58</td><td>60</td><td>62</td><td>計</td></tr> <tr><td>人数</td><td>2</td><td>15</td><td>21</td><td>9</td><td>3</td><td>50</td></tr> </table> <p>(4) ハンドボール投げの度数分布表</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>階級(m)</th><th>階級値(m)</th><th>度数(人)</th></tr> </thead> <tbody> <tr><td>以上 未満</td><td></td><td></td></tr> <tr><td>5~10</td><td>7.5</td><td>1</td></tr> <tr><td>10~15</td><td></td><td>5</td></tr> <tr><td>15~20</td><td></td><td>3</td></tr> <tr><td>20~25</td><td></td><td>3</td></tr> <tr><td>25~30</td><td></td><td>4</td></tr> <tr><td>30~35</td><td></td><td>4</td></tr> <tr><td>計</td><td>-</td><td>20</td></tr> </tbody> </table> <p>(5) 通学時間のヒストグラム</p> | 目 | 1 | 2 | 3 | 4 | 5 | 6 | 計 | 回数 | 3 | 1 | 6 | 4 | 4 | 2 | 20 | サイズ(cm) | 54 | 56 | 58 | 60 | 62 | 計 | 人数 | 2 | 15 | 21 | 9 | 3 | 50 | 階級(m) | 階級値(m) | 度数(人) | 以上 未満 | | | 5~10 | 7.5 | 1 | 10~15 | | 5 | 15~20 | | 3 | 20~25 | | 3 | 25~30 | | 4 | 30~35 | | 4 | 計 | - | 20 | <p>それぞれのデータの範囲を求めなさい。</p> <p>(1) 6人の体重 55, 48, 43, 44, 52, 46 (kg)</p> <p>(2) 10人のゲーム得点 7, 4, 6, 9, 6, 4, 5, 0, 2, 8 (点)</p> <p>(3) 8人の通学時間 9, 7, 9, 16, 28, 14, 11, 15 (分)</p> <p>(4) 数学のテスト結果</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr><th>階級(点)</th><th>階級値(点)</th><th>度数(人)</th></tr> </thead> <tbody> <tr><td>以上 未満</td><td></td><td></td></tr> <tr><td>40~50</td><td>45</td><td>0</td></tr> <tr><td>50~60</td><td></td><td>3</td></tr> <tr><td>60~70</td><td></td><td>5</td></tr> <tr><td>70~80</td><td></td><td>15</td></tr> <tr><td>80~90</td><td></td><td>7</td></tr> <tr><td>計</td><td>-</td><td>30</td></tr> </tbody> </table> <p>(5) 夏休みに読んだ本の数のヒストグラム</p> | 階級(点) | 階級値(点) | 度数(人) | 以上 未満 | | | 40~50 | 45 | 0 | 50~60 | | 3 | 60~70 | | 5 | 70~80 | | 15 | 80~90 | | 7 | 計 | - | 30 |
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| 目 | 1 | 2 | 3 | 4 | 5 | 6 | 計 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 回数 | 3 | 1 | 6 | 4 | 4 | 2 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| サイズ(cm) | 54 | 56 | 58 | 60 | 62 | 計 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 人数 | 2 | 15 | 21 | 9 | 3 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 階級(m) | 階級値(m) | 度数(人) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 以上 未満 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5~10 | 7.5 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10~15 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15~20 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20~25 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25~30 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30~35 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 計 | - | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 階級(点) | 階級値(点) | 度数(人) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 以上 未満 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40~50 | 45 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50~60 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60~70 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70~80 | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80~90 | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 計 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |