1. A two-way table sorts data by how many features at once?

   ☐ one

   ☐ three

   ☐ two

   ☐ none

2. Find the mean of 4, 7, 7, 2, 5.

   _____

3. A grouped class runs from 10 to 20. What midpoint do you use as its value?

   _____

4. Out of 120 people, 30 chose tea. Find the angle of the tea slice on a pie chart (degrees).

   _____

5. As one quantity increases, the other also increases. This is:

   ☐ negative correlation

   ☐ positive correlation

   ☐ no data

   ☐ zero correlation

6. Cumulative frequency is:

   ☐ the frequency divided by class width

   ☐ a running total of the frequencies

   ☐ the largest minus the smallest

   ☐ the most common value

7. A class has frequency 25 and class width 10. Find the frequency density.

   _____

8. A table where you make a mark for each value, then count, is a _____ table.

   _____

9. Find the mode of 4, 7, 7, 2, 5.

   _____

exercises.lol exercises.com.cn

☐ True ☐ False

1. **two**

   A two-way table cross-tabulates two features (e.g. gender vs transport).

2. **5**

   $(4 + 7 + 7 + 2 + 5)/5 = 25/5 = 5$.

3. **15**

   $(10 + 20)/2 = 15$.

4. **90**

   $(30/120) \times 360 = 90°$.

5. **positive correlation**

   Both rising together is positive correlation.

6. **a running total of the frequencies**

   Each point adds the next class frequency to the total so far.

7. **2.5**

   $25 \div 10 = 2.5$.

8. **tally**

   A tally table records each value with a mark before counting.

9. **7**

   7 appears most often.

10. **True**

    The IQR uses only the middle half, so outliers do not affect it.

exercises.lol exercises.com.cn