Contents

Hands on questions are 4 points each

Knowledge based questions are generally 1 point each, but the multiselect question is worth two points.

Most questions were also on the Tableau 9 practice exam, but questions 6, 12, 17, 18, 19, 31, 32, 35, 36 are new. If you've taken the previous version, you may just want to try the new questions.

Calculations, Questions 1-7

Hands-on Calculations Q 1 of 4

1. Answer the question using this data:
    https://public.tableau.com/s/sites/default/files/media/HollywoodsMostProfitableStories.csv.
    For films where Disney was not the lead studio, what was the % decrease in profitability from 2010 to 2011?

    A. 55.3%
    B. 7.2%
    C. 11.59%
    D. 86.28%

Hands-on Calculations Q 2 of 4
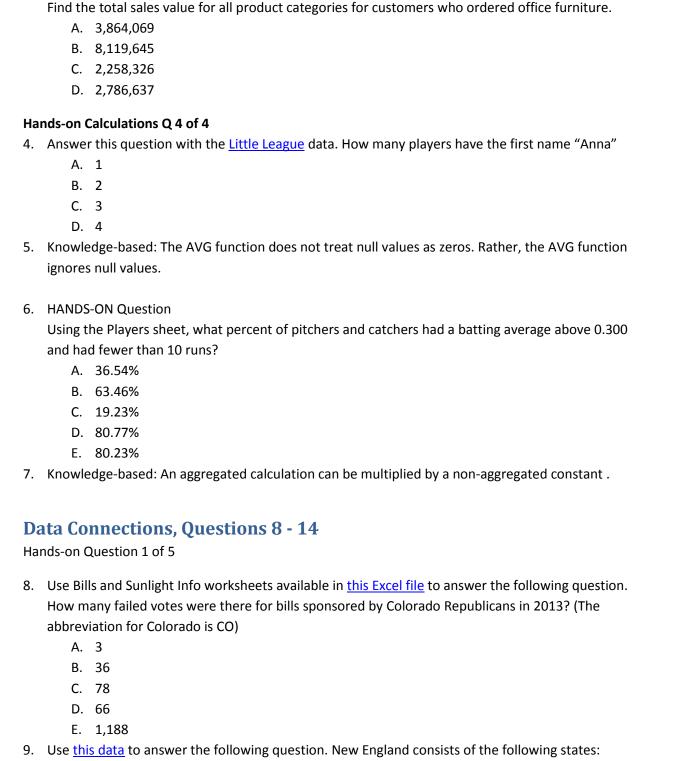
2. Answer using this data:
    https://public.tableau.com/s/sites/default/files/media/TopBabyNamesbyState.csv
    For boys born between 2000 and 2012, the most common first letter for the top name by state was:

    A. W
    B. M
    C. J
    D. D

Hands-on Calculations Q 3 of 4

3. Answer this using the SuperStore data.

Find the total sales value for all product categories for customers who ordered office furniture.

    A. 3,864,069

    B. 8,119,645

    C. 2,258,326

    D. 2,786,637

Hands-on Calculations Q 4 of 4

4. Answer this question with the [Little League](#) data. How many players have the first name "Anna"

    A. 1

    B. 2

    C. 3

    D. 4

5. Knowledge-based: The AVG function does not treat null values as zeros. Rather, the AVG function ignores null values.

6. HANDS-ON Question

    Using the Players sheet, what percent of pitchers and catchers had a batting average above 0.300 and had fewer than 10 runs?

    A. 36.54%

    B. 63.46%

    C. 19.23%

    D. 80.77%

    E. 80.23%

7. Knowledge-based: An aggregated calculation can be multiplied by a non-aggregated constant .

Data Connections, Questions 8 - 14

Hands-on Question 1 of 5

8. Use Bills and Sunlight Info worksheets available in [this Excel file](#) to answer the following question. How many failed votes were there for bills sponsored by Colorado Republicans in 2013? (The abbreviation for Colorado is CO)

    A. 3

    B. 36

    C. 78

    D. 66

    E. 1,188

9. Use [this data](#) to answer the following question. New England consists of the following states: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Which year saw the greatest increase in adults on probation in New England?

    A. 1998

    B. 2002

    C. 2009

D. 2011

10. Answer this question with Teams 2014 and Games worksheets on the Little League data. The Games data includes information on games played in 2015, including showing the team that won each game. Which team had the biggest increase in winning games between 2014 and 2015?
    A. Lightning
    B. Knights
    C. Bears
    D. Ninjas

11. Answer this question with the Teams 2013 and Teams 2014 worksheets on the Little League data. Which team had the biggest *decrease* in games won from 2013 to 2014?
    A. Lions
    B. Bears
    C. Tigers
    D. Lightning

12. (NEW) HANDS-ON Question
    Using the Best Buy data, what was the month and year with the largest absolute increase in average Open value from the same month in the prior year?
    A. January 2015
    B. January 2016
    C. March 2016
    D. March 2015
    E. None of the above

13. Knowledge-based: When using a _____ join the result is a table that contains all values from the left table and corresponding matches from the right table.
    A. INNER
    B. LEFT
    C. RIGHT
    D. FULL OUTER
    E. BLEND

14. Knowledge-based: If you see duplicate data after doing a join you can do the following:
    A. Combine the tables using a cross database join rather than a standard join
    B. Add a duplicate filter to your data
    C. Change the join condition
    D. Change to a full outer join

Analytics, Questions 15 - 19

15. Answer this question with the Games worksheet from the Little League data. Create a line graph showing away team runs for the Lions by month. Add a linear trendline. What is the R-squared value?
    A. -0.1346
    B. .6846
    C. .7503
    D. .0573

16. Answer this question with the Players worksheet from the Little League data. Create a bar chart showing runs by player. Add a reference distribution showing sample standard deviations. What is one standard deviation below the mean?
    A. 1.94
    B. 27.07
    C. 172.58
    D. 8.70

17. (NEW) Knowledge: _____ is a tendency to increase or decrease over time
    A. Seasonality
    B. Slope
    C. Trend
    D. Gradient

18. (NEW) Knowledge: Which of the following graph types provide information on the distribution of a continuous measure?
    A. Pie Chart
    B. Heat Map
    C. Box Plot
    D. Packed Bubbles

19. (NEW) Knowledge:
    Positive skewness means the extreme values are to the right, while negative skewness means the extreme values are to the left.

Organizing and Simplifying Data, Questions 20 - 23

20. Hands-on: Answer this question with the Players worksheet on the Little League data. Create a hierarchy Baseball Team – Position. For the Ninjas, how many runs were scored by the position with the lowest average batting average?
    A. 150
    B. 70
    C. 54
    D. 24

21. Hands-on: Answer this question with the Players worksheet on the Little League data. What percent of runs were scored by the top three teams with the highest average batting average?
    A. 7.73%

    B. 8.97%

    C. 34.55%

22. When you sort data in a hierarchy, Tableau rearranges headers that appear before the sorted field.

23. Context Filters are executed after data source filters.

Field & Chart Types, Questions 24 - 29

24. Answer this using the SuperStore data.

    What is the maximum number of months between the ship date and the order date? How many orders took this many months to ship?

    a. 5 months, 1 order

    b. 5 months, 2 order

    c. 3 months, 2 order

    d. 3 months, 1 order

    e. None of the above

25. Hands-on: Answer this question with the Games worksheet on the Little League data. Find the moving average for the total number of runs in three months prior to May 2015.

    A. 749.3

    B. 753.8

    C. 796.0

    D. 753.8

26. Knowledge (TWO POINTS): Tableau displays an axis when you drop this onto the Rows or Column shelf.

    A. Continuous field

    B. Discrete field

    C. Measure names

    D. Measure values

27. Answer this question with the Players worksheet on the Little League data. Create a histogram showing batting averages using a bin size of .05. Find the average number of runs scored for players with a batting average between .55 and .6.

    A. 13.53

    B. 15.64

    C. 18.92

    D. 13.38

28. Knowledge: Gantt charts are useful for:

    a. Showing changes to a continue variable over time

    b. Displaying duration of events or activities over time

    c. Showing how a measure varies with respect to one or more dimensions

    d. Display the distribution of a continuous variable

29. Knowledge: Bins acts as containers that summarize data for a specific range of values. Without using a calculated field, Tableau's bin feature allows you to create variable sized bins.

Dashboards, Questions 30 - 34

30. Answer this question using the Tableau Jobs dashboard. What percent of job postings for Developers mention Python skills?
    A. 13%
    B. 15%
    C. 17%
    D. 19%

31. Hands-On: Answer this question using the Tableau Jobs dashboard. For the Business Intelligence position, what is the Title with the most job postings?
    A. BI Developer
    B. Business Intelligence Analyst
    C. Data Analyst
    D. Business Analyst

32. If a dashboard is difficult to view on a smartphone, you can use the _____ designer to create a phone-specific view of your dashboard:

    A. Custom layout
    B. Device Designer
    C. Floating layout
    D. Narrower width

33. Knowledge: A ___ action allows Tableau to open a page on an external website. URL, Filter, Highlight, Web
34. Knowledge: You can combine multiple worksheets in a single dashboard. (TRUE)

Mapping, 35 - 36

35. (New) Answer this question using the Tableau Jobs dashboard. Create a map view and zoom in to southern California. How many jobs are either in Costa Mesa or within 5 miles of Costa Mesa?
    A. 0
    B. 2
    C. 5
    D. 8
    E. 10
36. (New) Using the Tableau Job Market dashboard, determine which group of three states have the most job posts:
    Minnesota, Wisconsin, and Michigan
    Texas, New Mexico, Oklahoma
    Florida, Georgia, Alabama
    Arizona, Utah, Colorado