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TO PASS 80% or higher

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## Module 2: Visual Analytics with Tableau - Dates

LATEST SUBMISSION GRADE  
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1. Which of the following are examples of discrete dates? (Select all that apply.)

1 / 1 point

☒ Months in different quarters

✓ Correct

☒ Quarters in different years

✓ Correct

☐ Days in the same month
2. Which of the following describes how Tableau handles a continuous date?

1 / 1 point

☒ A continuous date will be colored Green when dragged to the Row or Column Shelf

☐ A continuous date will be colored Red when dragged to the Row or Column Shelf

☐ A continuous date will be colored Blue when dragged to the Row or Column Shelf

✓ Correct
3. Which of the following describes how Tableau handles a discrete date?

1 / 1 point

☐ A discrete date will be colored Green when dragged to the Row or Column Shelf

☐ A discrete date will be colored Red with dragged to the Row or Column Shelf

☒ A discrete date will be colored Blue when dragged to the Row or Column Shelf

✓ Correct
4. Under which circumstances might it be advisable to manually change the date field? (Select all that apply.)

1 / 1 point

☐ When you want to create a map

☒ When you have a year date field and need to change it to months

✓ Correct

☒ When you have a discrete date and need to convert it to a continuous date

✓ Correct
5. How do you convert a discrete date to a continuous date?

1 / 1 point

☒ Drag your date field to the Rows or Columns shelf and right click on the blue pill and click on Continuous

☐ Drag your date field to the Rows or Columns shelf and click on the + sign on the blue pill

☐ When you drag your date field to the Rows or Columns shelf, Tableau will ask you if you want the date field to be discrete or continuous.

✓ Correct
6. What is the date hierarchy used for?

1 / 1 point

☐ To change your chart options

☐ To convert dates from discrete to continuous

☒ To drill down into your data and show each date level (i.e. Years, Quarters, Months)

✓ Correct
7. Under which of the following scenarios would you use the date hierarchy?

1 / 1 point

☐ If your date field is showing Years and you need to show the difference between two dates

☐ If your date field is showing Years and you need to change the chart type

☒ If your date is showing Years and you need to show both Years and Months

✓ Correct
8. What is the first step to go from a date year to a date month?

1 / 1 point

☐ Create a new date month variable from a pre-existing date year variable

☒ Right click on the Year date pill and select Month

☐ You cannot change date variables

✓ Correct
9. Which chart is best for discrete dates?

0 / 1 point

☐ Bar chart

☐ Pie chart

☒ Line chart

✗ Incorrect
10. Which chart is best for continuous dates?

1 / 1 point

☐ Map

☒ Line chart

☐ Bubble chart

✓ Correct
11. Which of the following shows the correct steps in the correct sequence to convert a continuous date to a discrete date in Tableau?

1 / 1 point

☐ When you drag your date field to the Rows or Columns shelf, Tableau will ask you if you want the date field to be discrete or continuous

☐ Right click on your blue date pill and select discrete

☒ Right click on your green date pill and select discrete

✓ Correct
12. What table calculation function would you use to determine the difference between two dates?

1 / 1 point

☐ DATEADD

☒ DATEDIFF

☐ DATEPARSE

✓ Correct