70-779.exam.25q

Number: 70-779
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Microsoft 70-779

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Analyzing and Visualizing Data with Microsoft Excel

Exam A

QUESTION 1
You have an Excel workbook that contains two tables named User and Activity.

You plan to publish the workbook to the Power BI service.

Users will use Q&A in the Power BI service to perform natural language queries.

You need to ensure that the users can query the term employee and receive results from the User table.

What should you do before you publish to Power BI?

A. From PowerPivot Settings, modify the Language options
B. From PowerPivot Settings, modify the Categorization options
C. From the Power Pivot model, edit the Synonyms
D. From Workbook Connections, add a connection

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: http://blog.pragmaticworks.com/optimizing-power-bi-qa-with-synonyms-phrasing-using-cloud-modeling

QUESTION 2
You open C:\Data\Data.xlsx in Excel.

When you attempt to publish the file to Microsoft Power BI, you receive the following error message: “We couldn’t publish to Power BI. Make sure your workbook is saved as an Excel file (.xlsx or .xlsm) and is not password protected.”

You need to ensure that you can publish the file to Power BI.

What should you do first?

A. Decrypt the workbook
B. Copy the file to a network share
C. Add a digital signature to the workbook
D. Disable iterative calculation for the workbook

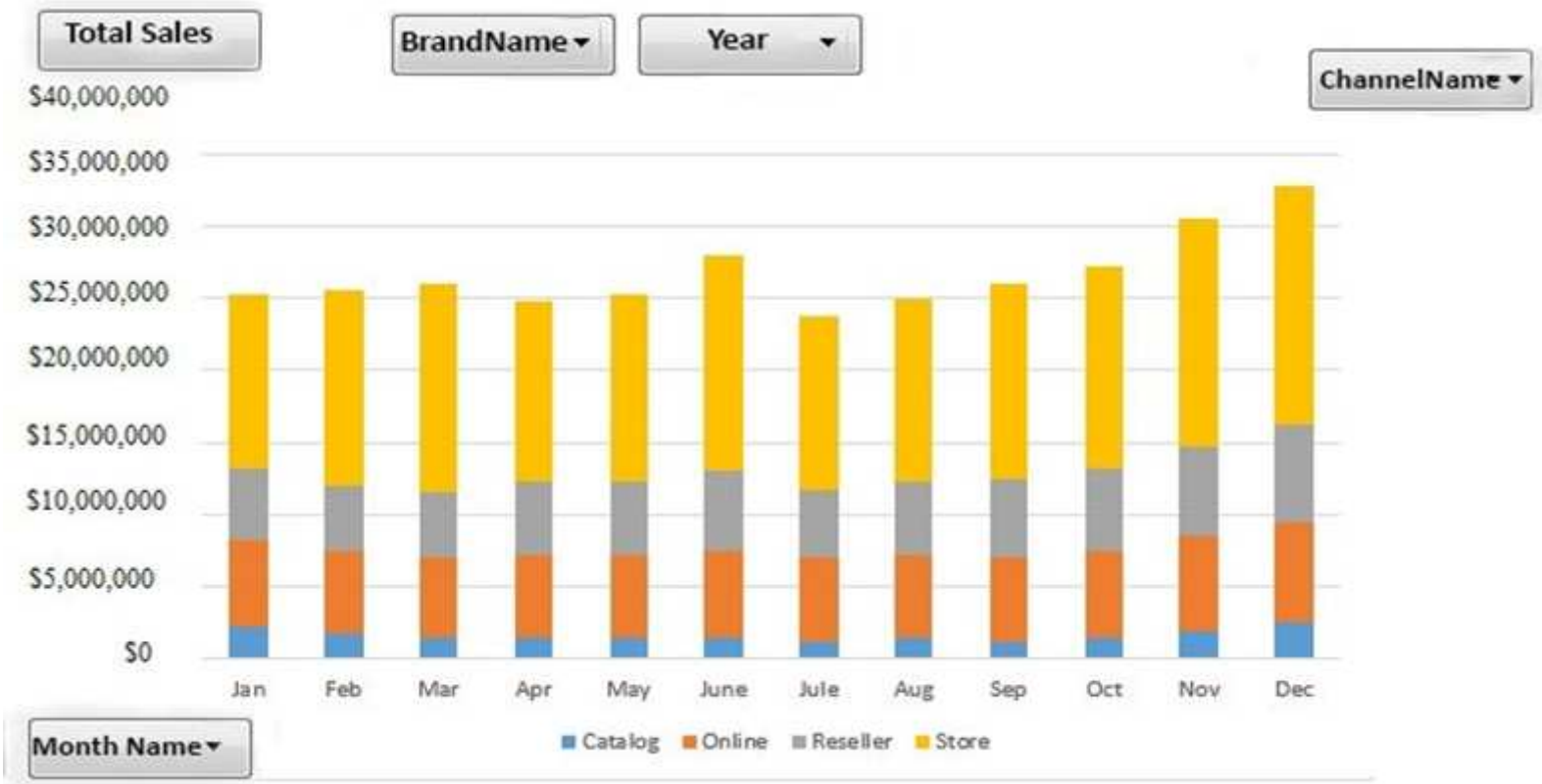
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/power-bi/service-publish-from-excel

QUESTION 3
DRAG DROP

You need to create a PivotChart as shown in the exhibit. (Click the **Exhibit** button.)

Exhibit:



Which field should you use for each area? To answer, drag the appropriate fields to the correct areas. Each field may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Correct Answer:

Section: (none)
Explanation

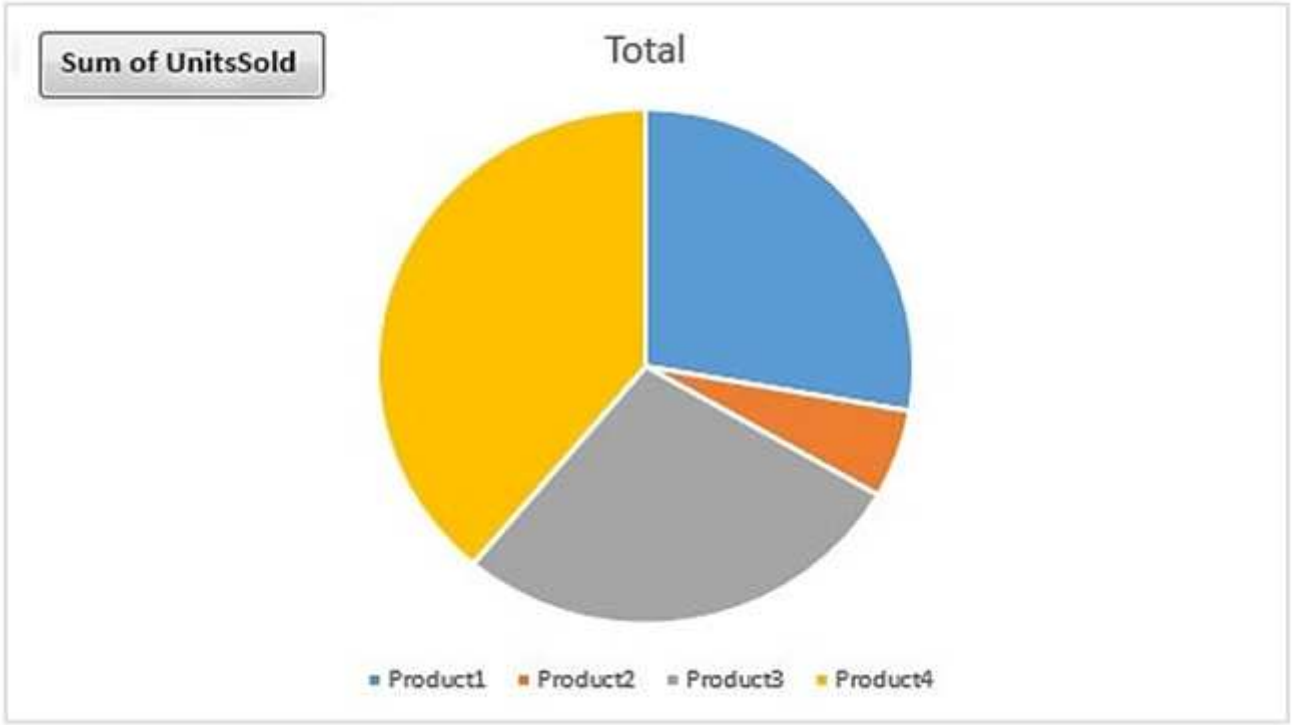
Explanation/Reference:

QUESTION 4

DRAG DROP

You create the PivotChart shown in the exhibit. (Click the **Exhibit** button.)

Exhibit:



In which area is Product and in which area is SalesAmount? To answer, drag the appropriate fields to the correct areas. Each field may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

Start of repeated scenario.

You are creating reports for a car repair company. You have four datasets in Excel spreadsheets. Four workbook queries load the datasets to a data model. A sample of the data is shown in the **Data Sample** exhibit. (Click the **Exhibit** button.)

Data Sample exhibit:

DailyRepairs

Date	WorkshopID	RepairTypeID	Hours	Revenue
2016-10-01	1	4	2	£ 432
2016-10-01	6	8	16	£ 4,144
2016-10-01	3	6	12	£ 564
2016-10-01	6	5	4	£ 1,680
2016-10-01	5	4	12	£ 1,968
2016-10-01	3	4	14	£ 854
2016-10-01	2	4	15	£ 3,030
2016-10-01	1	1	0	£ -

Workshops

ID	Workshop Name	Workshop Manager	Manager Since	IsLatest
1	Cambridge	Alex Hankin	2012-11-10	1
2	Bedford	Ben Miller	2015-04-22	1
3	Camden	Kari Furse	2015-08-29	1
4	Belsize	Ron Gabel	2016-02-14	1
5	Reading	Josh Edwards	2009-11-07	1
6	Kilburn	Karen Toh	2012-02-25	1
6	Kilburn	Eva Corets	2009-06-06	0

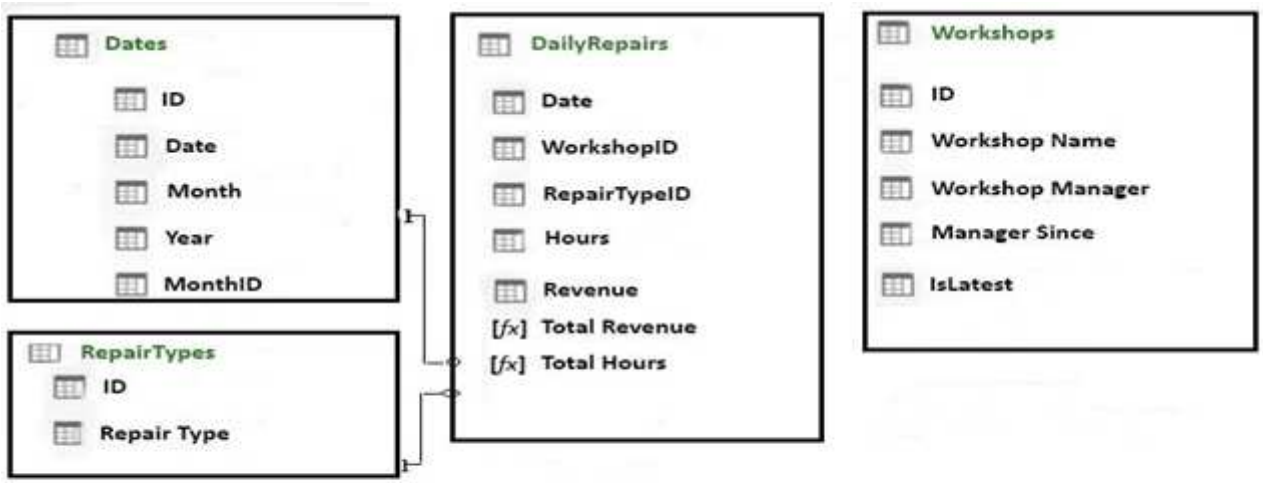
Dates

ID	Date	Month	Year	MonthID
20160101	2016-01-01	Jan '16	2016	201601
20160102	2016-01-02	Jan '16	2016	201601
20160103	2016-01-03	Jan '16	2016	201601
20160104	2016-01-04	Jan '16	2016	201601
20160105	2016-01-05	Jan '16	2016	201601
20160106	2016-01-06	Jan '16	2016	201601
20160107	2016-01-07	Jan '16	2016	201601
20160108	2016-01-08	Jan '16	2016	201601
20160109	2016-01-09	Jan '16	2016	201601

RepairTypes

ID	Repair Type
1	Engine
2	Radiator
3	Gearbox
4	Clutch
5	Brakes
6	Tires
7	Bodywork
8	Windscreen
9	Other

The data model is shown in the **Data Model** exhibit. (Click the **Exhibit** button.)



The tables in the model contain the following data:

- DailyRepairs has a log of hours and revenue for each day, workshop, and repair type. Every day, a log entry is created for each workshop, even if no hours or revenue are recorded for that day. Total Hours and Total Revenue column.
- Workshops have a list of all the workshops and the current and previous workshop managers. The format of the Workshop Manager column is always Firstname Lastname. A value of 1 in the IsLatest column indicates that the workshop manager listed in the record is the current workshop manager.
- RepairTypes has a list of all the repair types
- Dates has a list of dates from 2015 to 2018

End of repeated scenario.

When you attempt to create a relationship between DailyRepairs and Workshops, Power Pivot generates the following error message: “The relationship cannot be created because each column contains duplicate values. Select at least one column that contains only unique values”.

You need to ensure that you can create a valid relationship between the tables.

What should you do?

A. In the Power Pivot model, change the data type for Workshop[ID] to **General**
B. In the workbook query for Workshops, add an index column

C. In the Power Pivot model, change the Table Behavior setting for Workshops
D. In the workbook query for Workshops, filter [IsLatest] to equal 1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: https://msdn.microsoft.com/en-us/library/hh560544(v=sql.110).aspx

QUESTION 6
DRAG DROP

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

Start of repeated scenario.

You are creating reports for a car repair company. You have four datasets in Excel spreadsheets. Four workbook queries load the datasets to a data model. A sample of the data is shown in the **Data Sample** exhibit. (Click the **Exhibit** button.)

Data Sample exhibit:

DailyRepairs

Date	WorkshopID	RepairTypeID	Hours	Revenue
2016-10-01	1	4	2	£ 432
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2016-10-01	5	4	12	£ 1,968
2016-10-01	3	4	14	£ 854
2016-10-01	2	4	15	£ 3,030
2016-10-01	1	1	0	£ -

Workshops

ID	Workshop Name	Workshop Manager	Manager Since	IsLatest
1	Cambridge	Alex Hankin	2012-11-10	1
2	Bedford	Ben Miller	2015-04-22	1
3	Camden	Kari Furse	2015-08-29	1
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5	Reading	Josh Edwards	2009-11-07	1
6	Kilburn	Karen Toh	2012-02-25	1
6	Kilburn	Eva Corets	2009-06-06	0

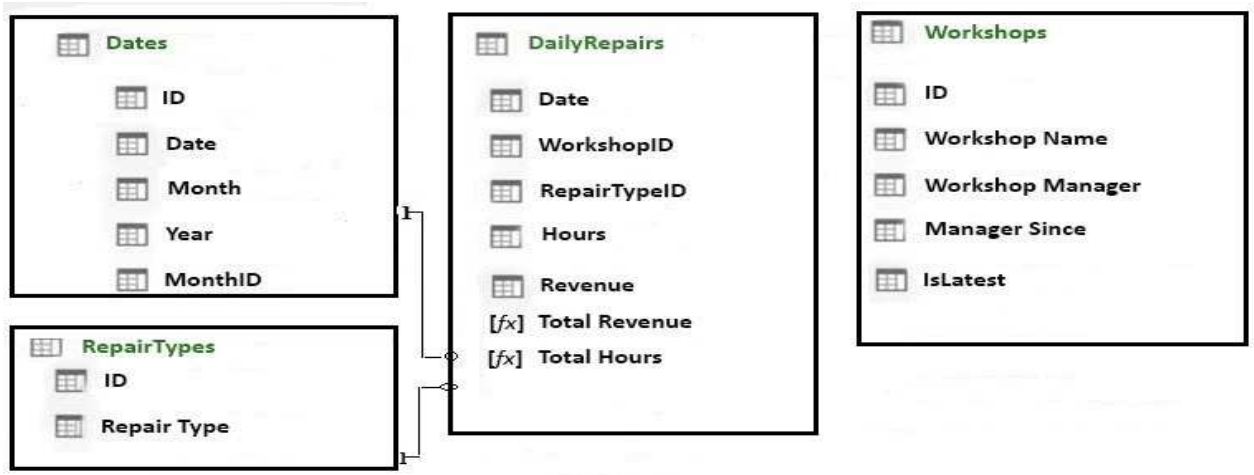
Dates

ID	Date	Month	Year	MonthID
20160101	2016-01-01	Jan '16	2016	201601
20160102	2016-01-02	Jan '16	2016	201601
20160103	2016-01-03	Jan '16	2016	201601
20160104	2016-01-04	Jan '16	2016	201601
20160105	2016-01-05	Jan '16	2016	201601
20160106	2016-01-06	Jan '16	2016	201601
20160107	2016-01-07	Jan '16	2016	201601
20160108	2016-01-08	Jan '16	2016	201601
20160109	2016-01-09	Jan '16	2016	201601

RepairTypes

ID	Repair Type
1	Engine
2	Radiator
3	Gearbox
4	Clutch
5	Brakes
6	Tires
7	Bodywork
8	Windscreen
9	Other

The data model is shown in the **Data Model** exhibit. (Click the **Exhibit** button.)



The tables in the model contain the following data:

- DailyRepairs has a log of hours and revenue for each day, workshop, and repair type. Every day, a log entry is created for each workshop, even if no hours or revenue are recorded for that day. Total Hours and Total Revenue column.
- Workshops have a list of all the workshops and the current and previous workshop managers. The format of the Workshop Manager column is always Firstname Lastname. A value of 1 in the IsLatest column indicates that the workshop manager listed in the record is the current workshop manager.
- RepairTypes has a list of all the repair types
- Dates has a list of dates from 2015 to 2018

End of repeated scenario.

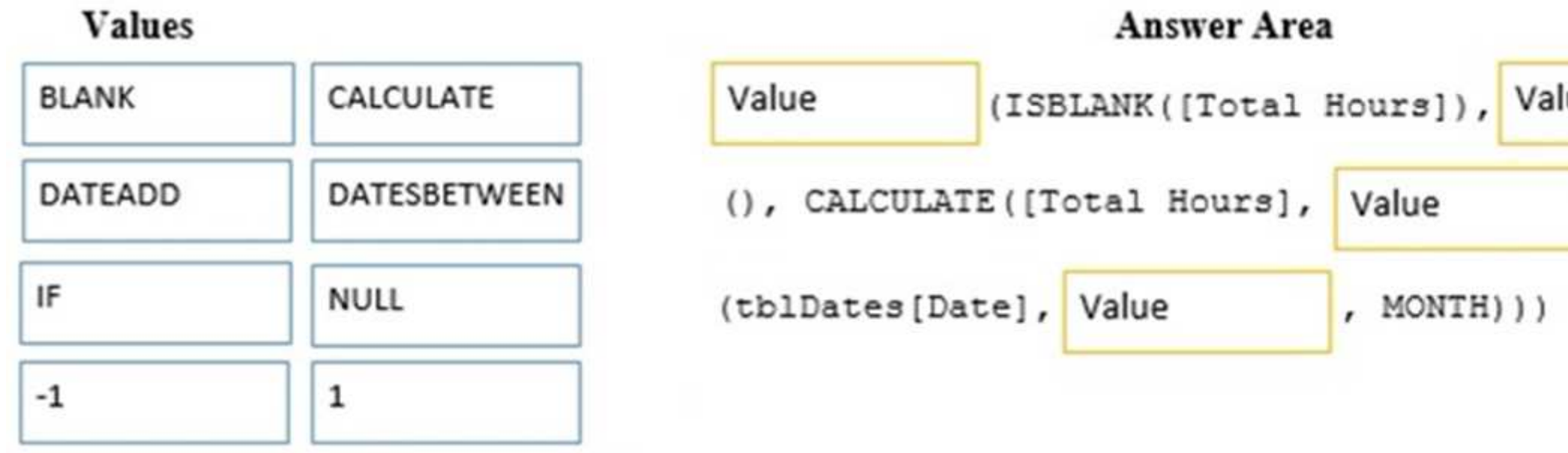
You need to create a PivotChart that displays the month, the hours of the month, and the hours of the previous month, as shown in the following exhibit.

Row Labels	Total Hours	Total Hours Last Month
Oct '16	9,265	
Nov '16	9,152	9,265
Dec '16	9,196	9,152
Jan '16	9,392	9,196
Feb '16	8,809	9,392
Mar '16	7,585	8,809
Grand Total	**53,399**	**53,399**

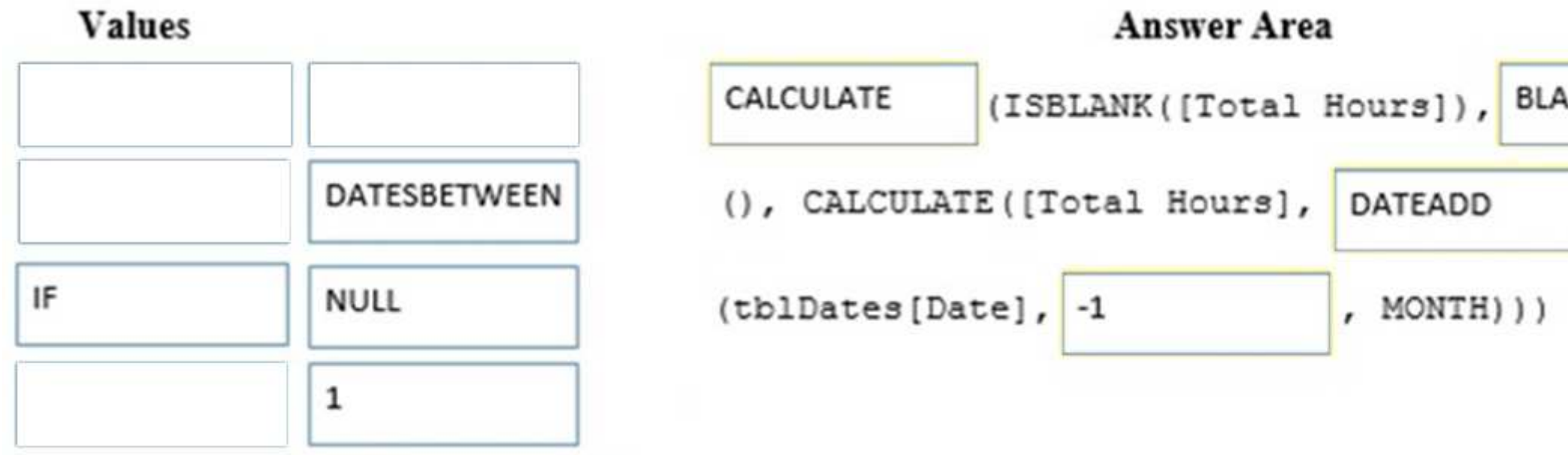
Which DAX formula should you use for the Total Hours Last Month measure? To answer, drag the appropriate fields to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Section: (none)
Explanation

Explanation/Reference:
References:
https://technet.microsoft.com/en-us/library/ee634204(v=sql.105).aspx
https://msdn.microsoft.com/en-us/library/ee634905.aspx

QUESTION 7
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

Start of repeated scenario.

You are creating reports for a car repair company. You have four datasets in Excel spreadsheets. Four workbook queries load the datasets to a data model. A sample of the data is shown in the **Data Sample** exhibit. (Click the **Exhibit** button.)

Data Sample exhibit:

DailyRepairs

Date	WorkshopID	RepairTypeID	Hours	Revenue
2016-10-01	1	4	2	£ 432
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2016-10-01	6	5	4	£ 1,680
2016-10-01	5	4	12	£ 1,968
2016-10-01	3	4	14	£ 854
2016-10-01	2	4	15	£ 3,030
2016-10-01	1	1	0	£ -

Workshops

ID	Workshop Name	Workshop Manager	Manager Since	IsLatest
1	Cambridge	Alex Hankin	2012-11-10	1
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5	Reading	Josh Edwards	2009-11-07	1
6	Kilburn	Karen Toh	2012-02-25	1
6	Kilburn	Eva Corets	2009-06-06	0

Dates

ID	Date	Month	Year	MonthID
20160101	2016-01-01	Jan '16	2016	201601
20160102	2016-01-02	Jan '16	2016	201601
20160103	2016-01-03	Jan '16	2016	201601
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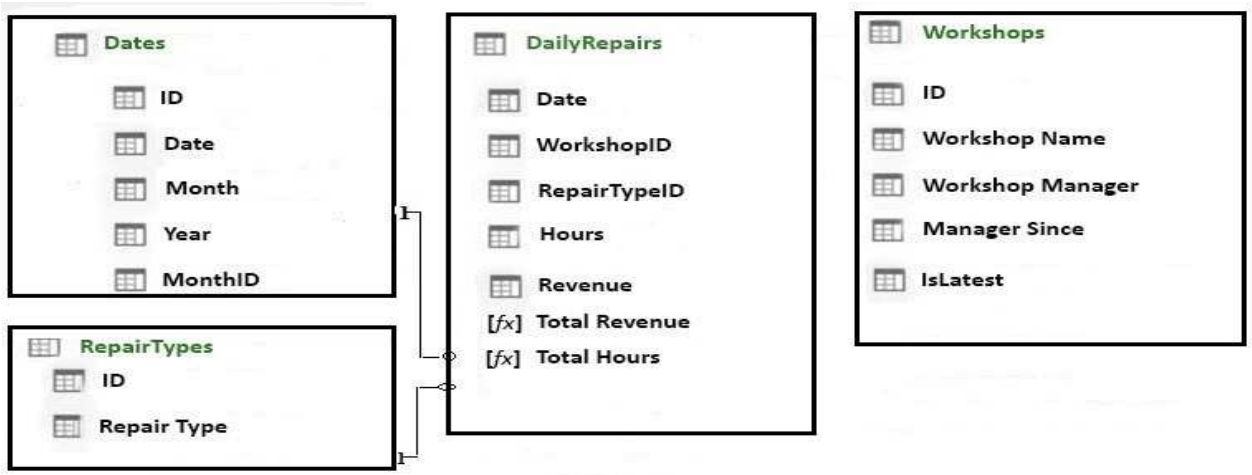
20160107	2016-01-07	Jan '16	2016	201601
20160108	2016-01-08	Jan '16	2016	201601
20160109	2016-01-09	Jan '16	2016	201601

RepairTypes

ID	Repair Type
1	Engine
2	Radiator
3	Gearbox
4	Clutch
5	Brakes
6	Tires
7	Bodywork
8	Windscreen
9	Other

The data model is shown in the **Data Model** exhibit. (Click the **Exhibit** button.)



The tables in the model contain the following data:

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- RepairTypes has a list of all the repair types
- Dates has a list of dates from 2015 to 2018

End of repeated scenario.

You create a measure named Average Revenue Per Hour that calculates the average revenue per hour.

You need to populate a cell in a worksheet to display the Average Revenue Per Hour where Repair Type is Engine.

Which Excel formula should you use?

A. `=CUBEMEMBER("ThisWorkbookDataModel", "[DailyRepairs]. [Avg Revenue Per Hour]", CUBEMEMBER ("ThisWorkbookDataModel", "[Dimensions]. [Repair Type]. [Engine]"))`

B. `=CUBEVALUE("ThisWorkbookDataModel", "[Measures]. [Avg Revenue Per Hour]", CUBEMEMBER ("ThisWorkbookDataModel",`

"[Dimensions]. [Repair Type]. [Engine]"))

C. =CUBEMEMBER("ThisWorkbookDataModel", "[DailyRepairs]. [Avg Revenue Per Hour]", CUBEMEMBER ("ThisWorkbookDataModel", "[RepairTypes]. [Repair Type]. [Engine]"))

D. =CUBEVALUE("ThisWorkbookDataModel", "[Measures]. [Avg Revenue Per Hour]", CUBEMEMBER ("ThisWorkbookDataModel", "[RepairTypes]. [Repair Type]. [Engine]"))

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
References:
https://support.office.com/en-us/article/cubevalue-function-8733da24-26d1-4e34-9b3a-84a8f00dcbe0
https://www.tutorialspoint.com/advanced_excel_functions/advanced_excel_cube_cubemember_function.htm

QUESTION 8
HOTSPOT

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

Start of repeated scenario.

You are creating reports for a car repair company. You have four datasets in Excel spreadsheets. Four workbook queries load the datasets to a data model. A sample of the data is shown in the **Data Sample** exhibit. (Click the **Exhibit** button.)

Data Sample exhibit:

DailyRepairs

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2016-10-01	3	6	12	£ 564
2016-10-01	6	5	4	£ 1,680
2016-10-01	5	4	12	£ 1,968
2016-10-01	3	4	14	£ 854
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2016-10-01	1	1	0	£ -

Workshops

ID	Workshop Name	Workshop Manager	Manager Since	IsLatest
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6	Kilburn	Karen Toh	2012-02-25	1
6	Kilburn	Eva Corets	2009-06-06	0

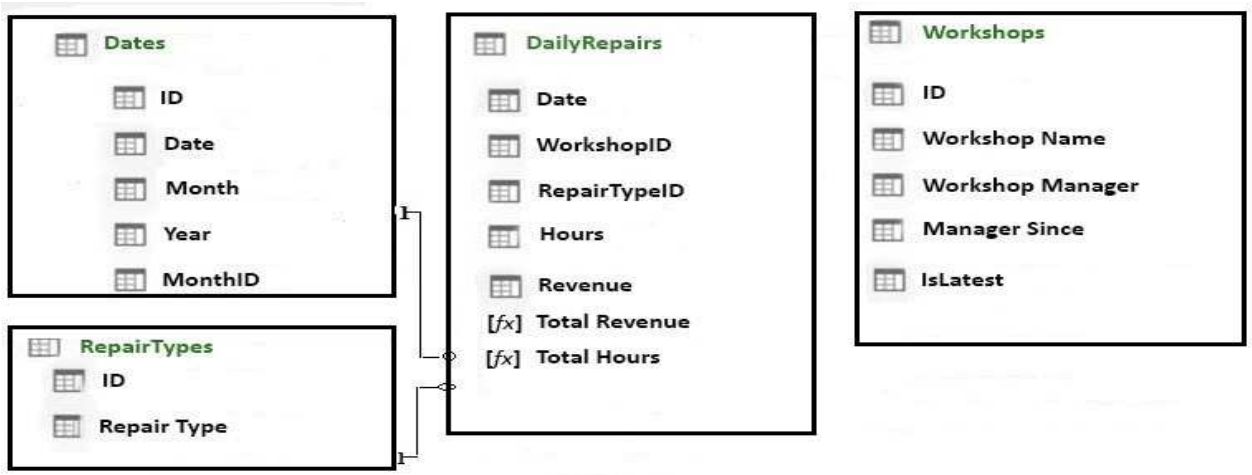
Dates

ID	Date	Month	Year	MonthID
20160101	2016-01-01	Jan '16	2016	201601
20160102	2016-01-02	Jan '16	2016	201601
20160103	2016-01-03	Jan '16	2016	201601
20160104	2016-01-04	Jan '16	2016	201601
20160105	2016-01-05	Jan '16	2016	201601
20160106	2016-01-06	Jan '16	2016	201601
20160107	2016-01-07	Jan '16	2016	201601
20160108	2016-01-08	Jan '16	2016	201601
20160109	2016-01-09	Jan '16	2016	201601

RepairTypes

ID	Repair Type
1	Engine
2	Radiator
3	Gearbox
4	Clutch
5	Brakes
6	Tires
7	Bodywork
8	Windscreen
9	Other

The data model is shown in the **Data Model** exhibit. (Click the **Exhibit** button.)



The tables in the model contain the following data:

- DailyRepairs has a log of hours and revenue for each day, workshop, and repair type. Every day, a log entry is created for each workshop, even if no hours or revenue are recorded for that day. Total Hours and Total Revenue column.
- Workshops have a list of all the workshops and the current and previous workshop managers. The format of the Workshop Manager column is always Firstname Lastname. A value of 1 in the IsLatest column indicates that the workshop manager listed in the record is the current workshop manager.
- RepairTypes has a list of all the repair types
- Dates has a list of dates from 2015 to 2018

End of repeated scenario.

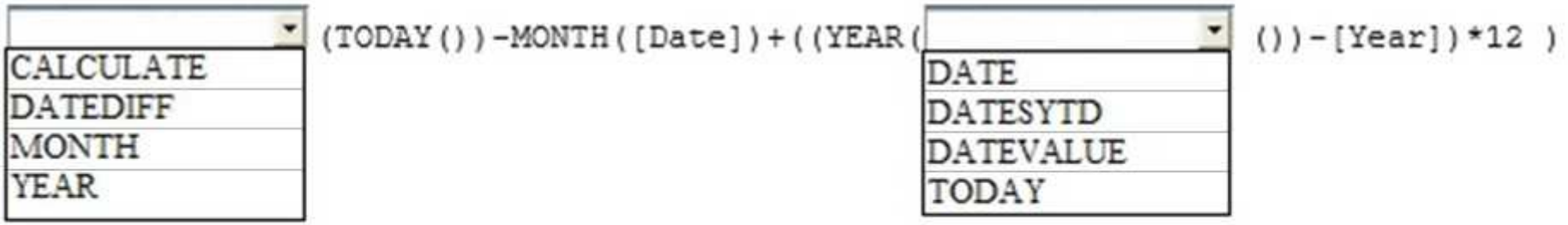
To the Dates table, you need to add a calculated column named Months Ago. Months Ago must display the number of calendar months before the current month. For example, if the current date is July 10, 2017, the Value of Months Ago will be 0 for all the dates in July 2017, 1 for all the dates in June 2017, and 2 for all the dates in May 2017.

How should you complete the DAX formula? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

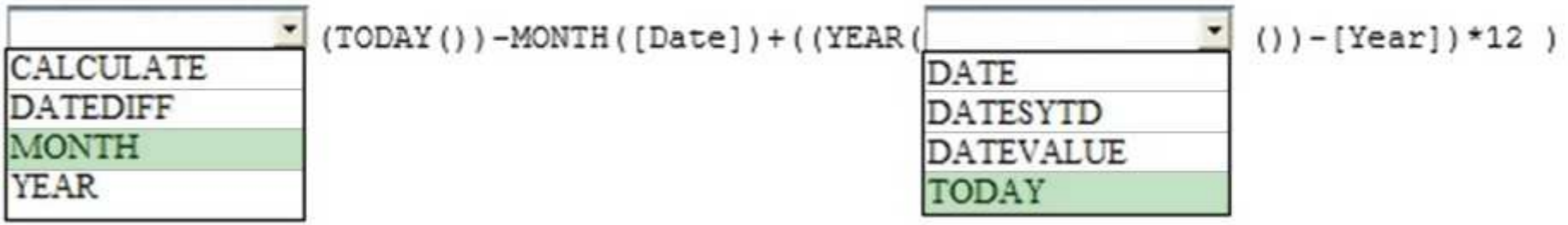
Hot Area:

Answer Area



Correct Answer:

Answer Area



Section: (none)
Explanation

Explanation/Reference:
References:
https://msdn.microsoft.com/en-us/library/ee634914.aspx
https://msdn.microsoft.com/en-us/library/ee634567.aspx
https://msdn.microsoft.com/en-us/library/ee634554.aspx

QUESTION 9
DRAG DROP

You have 12 sales reports stored in a folder as CSV files. Each report represents one month of sales data for a year. The reports have the same structure.

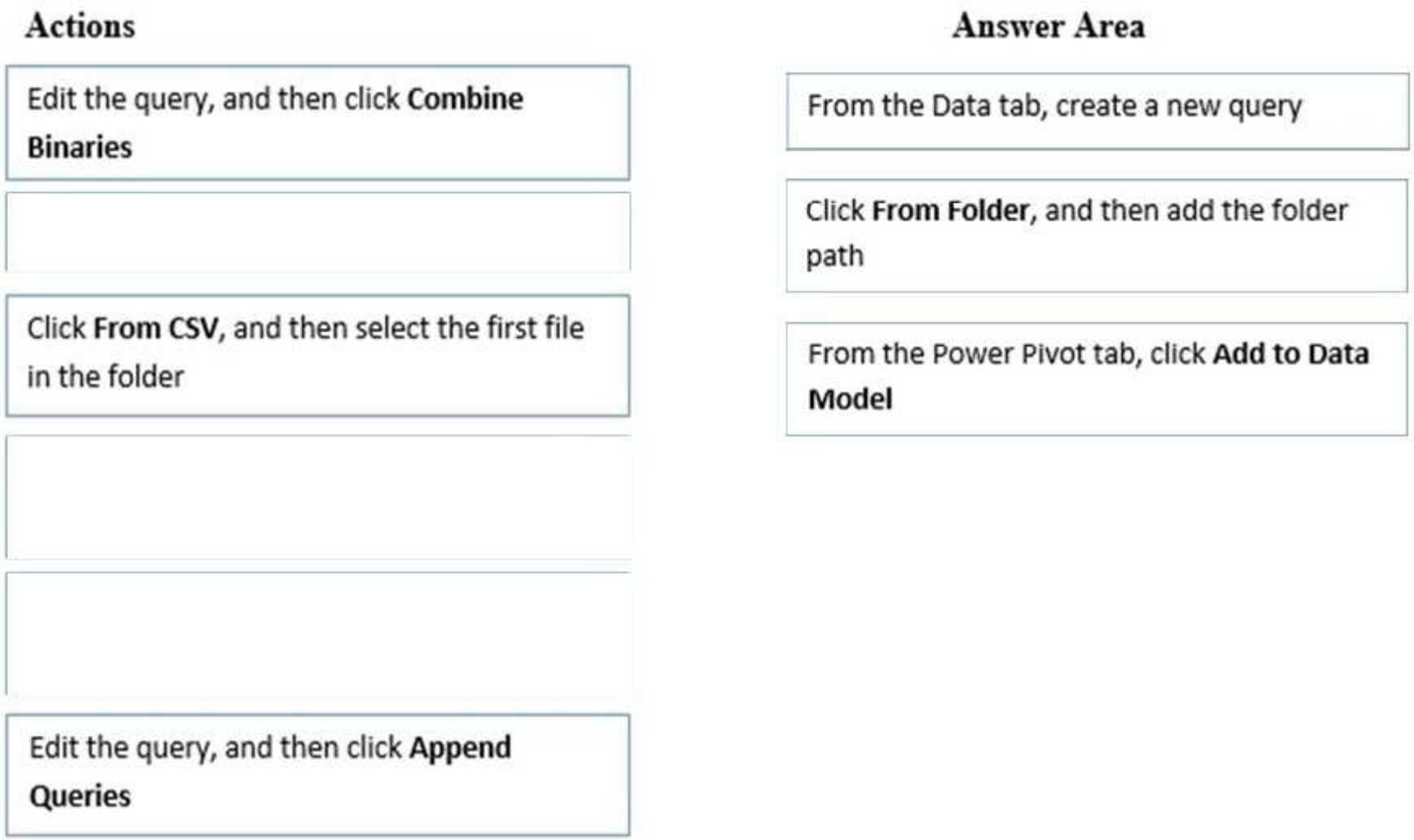
You need to analyze the entire year of sales data.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Edit the query, and then click **Combine Binaries**	
From the Data tab, create a new query	
Click **From CSV**, and then select the first file in the folder	
Click **From Folder**, and then add the folder path	
From the Power Pivot tab, click **Add to Data Model**	
Edit the query, and then click **Append Queries**	

Correct Answer:



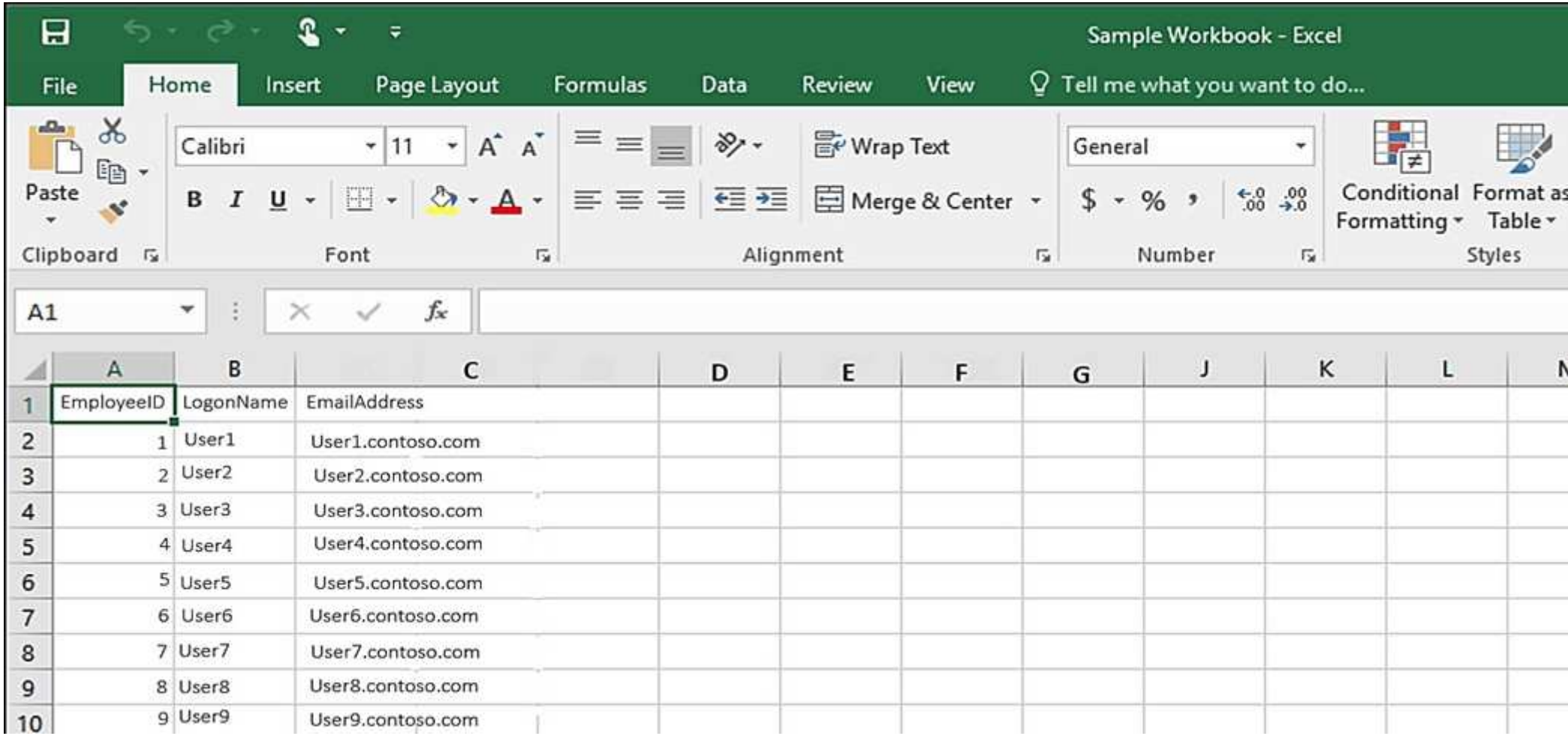
Section: (none)
Explanation

Explanation/Reference:
References:

https://powerpivotpro.com/2017/01/import-csv-files-folder-filenames-excel/
https://www.masterdataanalysis.com/ms-excel/import-csv-files-folder-excel/
https://support.office.com/en-us/article/create-a-data-model-in-excel-87e7a54c-87dc-488e-9410-5c75dbcb0f7b

QUESTION 10
You have the Excel worksheet shown in the exhibit. (Click the **Exhibit** button.)

Exhibit:



	A	B	C
1	EmployeeID	LogonName	EmailAddress
2	1	User1	User1.contoso.com
3	2	User2	User2.contoso.com
4	3	User3	User3.contoso.com
5	4	User4	User4.contoso.com
6	5	User5	User5.contoso.com
7	6	User6	User6.contoso.com
8	7	User7	User7.contoso.com
9	8	User8	User8.contoso.com
10	9	User9	User9.contoso.com

You need to transform the data by using Query Editor.

What should you do first?

A. From the Data tab, click **Flash Fill**
B. From the Insert tab, click **Store**
C. From the Data tab, click **From Table/Range**
D. From the Data tab, click **Consolidate**

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/unified-get-transform-experience-ad78befd-eb1c-4ea7-a55d-79d1d67cf9b3

QUESTION 11
You have an Excel workbook that has the following two workbook queries:
- A query named Consultants that retrieves a table named Consultants_Contact from a Microsoft SQL Server database
- A query named Employees that retrieves a table named Employee_Contact from a Microsoft Azure SQL database

Both tables have the same columns.

You need to combine all the data from Consultants and Employees into one table.

Which command should you use?

A. Append Queries
B. Combine Binaries
C. Transpose
D. Merge Queries

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/merge-queries-power-query-fd157620-5470-4c0f-b132-7ca2616d17f9

QUESTION 12
You have 20 workbook queries that load 20 CSV files to a local computer.

You plan to send the workbook and the 20 CSV files to several users. The users will store the files in various locations.

You need to ensure that the users can change the path to the CSV files in the queries as quickly as possible.

What should you do from Query Editor?

A. Append all the queries. Edit the source of the first query
B. Merge all the queries. Edit the source of the first query
C. For each query, create a new query that uses a reference. Modify the source of each new query
D. Create a parameter. Modify the source of each query to use the parameter

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
References: https://www.howtoexcel.org/power-query/how-to-parameterize-your-power-query/

QUESTION 13
You have multiple workbook queries that load data from tables in Microsoft Azure SQL Database to a Power Pivot data model.

You discover that new rows were added to the tables in Azure SQL Database.

You need to ensure that the workbook has the new data.

What should you do?

A. From the Data tab, click **Refresh All**
B. From the Power Pivot tab, click **Update All**
C. Close and open the workbook

D. Select a cell in the worksheet and press **F5**

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/refresh-an-external-data-connection-in-excel-2016-for-windows-1524175f-777a-48fc-8fc7-c8514b984440

QUESTION 14
DRAG DROP

You merge several CSV files by using Query Editor.

You need to remove all the leading whitespaces and all the non-printable characters from a column.

What should you do to achieve each task? To answer, drag the appropriate actions to the correct goals. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

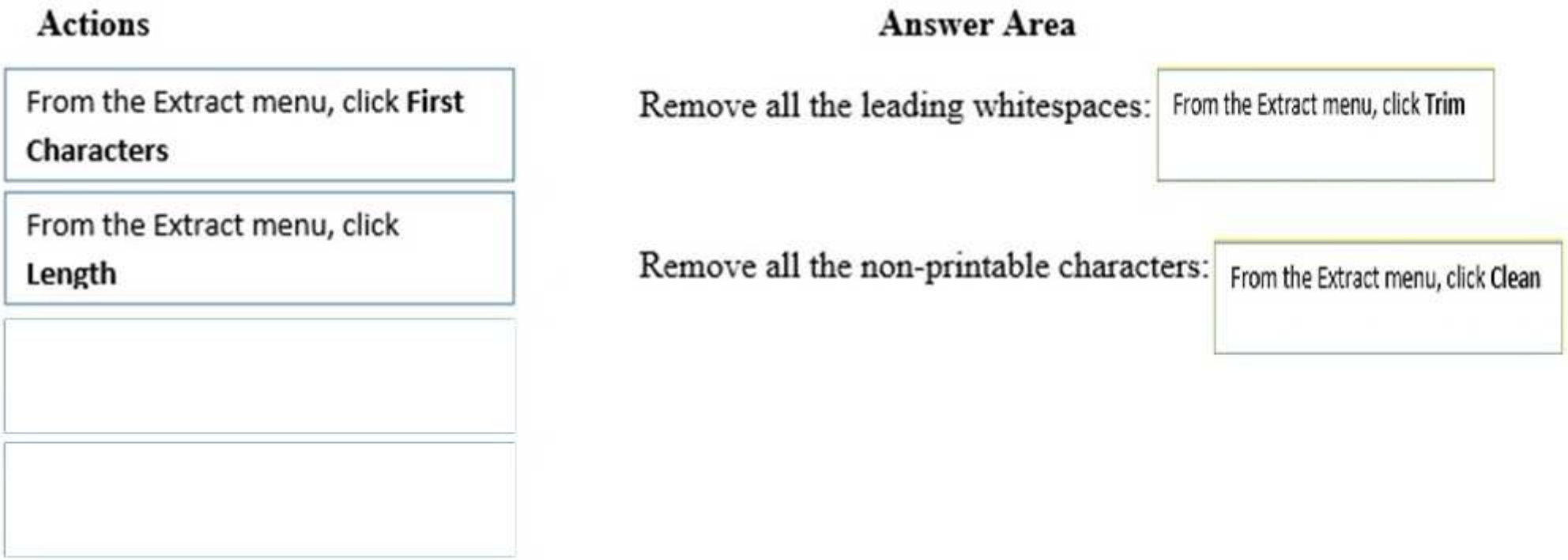
Actions
From the Extract menu, click **First Characters**
From the Extract menu, click **Length**
From the Extract menu, click **Clean**
From the Extract menu, click **Trim**

Answer Area

Remove all the leading whitespaces: Actions

Remove all the non-printable characters: Actions

Correct Answer:



Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
HOTSPOT

You have a workbook query that uses an Excel data source. The data source contains the following table.

User	UserID	TestAScore	TestBScore	TestCScore
User1	9987	90	92	93
User2	9988	80	77	68
User3	9989	63	64	66
User4	9990	90	50	77
User5	9991	40	45	30

You need the data to appear as shown in the following table.

User	UserID	Attribute	Value
User1	9987	TestAScore	90
User1	9987	TestBScore	92
User1	9987	TestCScore	93
User2	9988	TestAScore	80
User2	9988	TestBScore	77
User2	9988	TestCScore	68
User3	9989	TestAScore	63
User3	9989	TestBScore	64
User3	9989	TestCScore	66
User4	9990	TestAScore	90
User4	9990	TestBScore	50
User4	9990	TestCScore	77
User5	9991	TestAScore	40
User5	9991	TestBScore	45
User5	9991	TestCScore	30

How should you transform the data from Query Editor? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Columns to select:

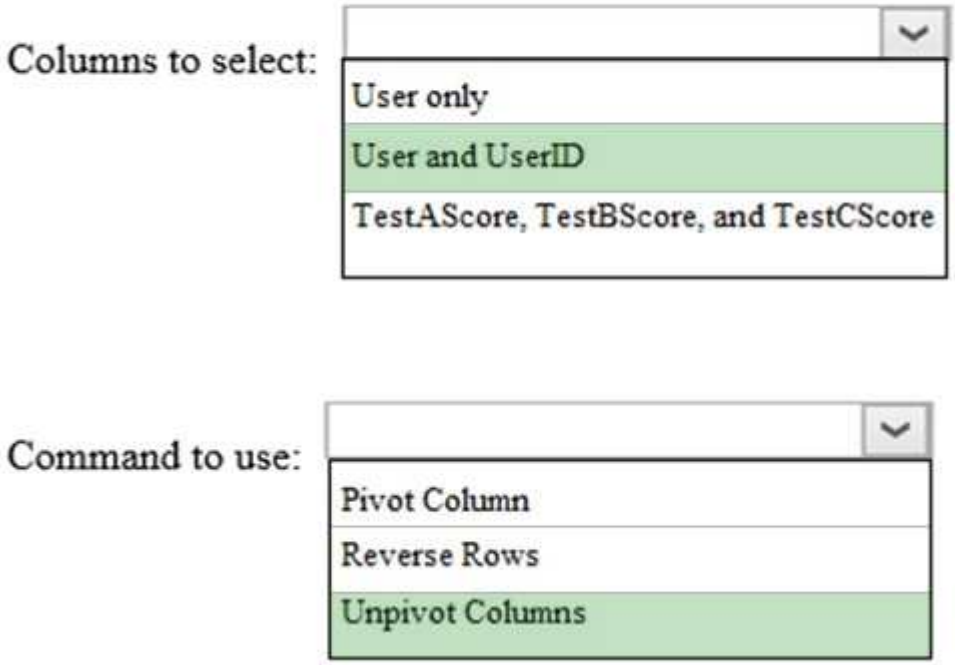
- User only
- User and UserID
- TestAScore, TestBScore, and TestCScore

Command to use:

- Pivot Column
- Reverse Rows
- Unpivot Columns

Correct Answer:

Answer Area



Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7098

QUESTION 16
You create an Excel workbook named SalesResults.xlsx. You create a workbook query that connects to a Microsoft SQL Server database and loads data to the data model. You create a PivotTable and a PivotChart.

You plan to share SalesResult.xlsx to several users outside of your organization.

You need to ensure that the users can see the PivotTable and the PivotChart when they open the file. The data in the model must be removed.

What should you do?

A. Modify the source of the query
B. Save the workbook as an Excel Binary Workbook (.xlsb)
C. From Query Editor, open the Data Source and delete the credentials
D. Run the Document Inspector

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/data-source-settings-power-query-9f24a631-f7eb-4729-88dd-6a4921380ca9

QUESTION 17
You have an Excel workbook query that loads data to a worksheet and the data model.

You need to ensure that the data is refreshed whenever you open the workbook.

What should you do?

A. From the File tab, click **Options**, and then modify the General options
B. From the Power Pivot model, modify the Table Behavior setting
C. From the File tab, click **Options**, and then modify the Data options
D. Run the Data tab, click **Queries & Connections**, and then edit the properties of the query

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/refresh-connected-imported-data-e76a38b0-e2e1-400b-9f2f-c87b9b18c092

QUESTION 18
You have a workbook query that loads the following table

ID	Key	Value
1	Student	Bob
1	Class	2
1	Score	80
2	Student	Sam
2	Class	1
2	Score	80
3	Student	Dave
3	Class	1
3	Score	80

You pivot the table on the Key column by using Value as the values column, and you receive the results shown in the following table.

ID	Student	Class	Score
1	1	1	1
2	1	1	1
3	1	1	1

You need to ensure that the data appears as shown in the following table.

ID	Student	Class	Score
1	Bob	2	80
2	Sam	1	80
3	Dave	1	80

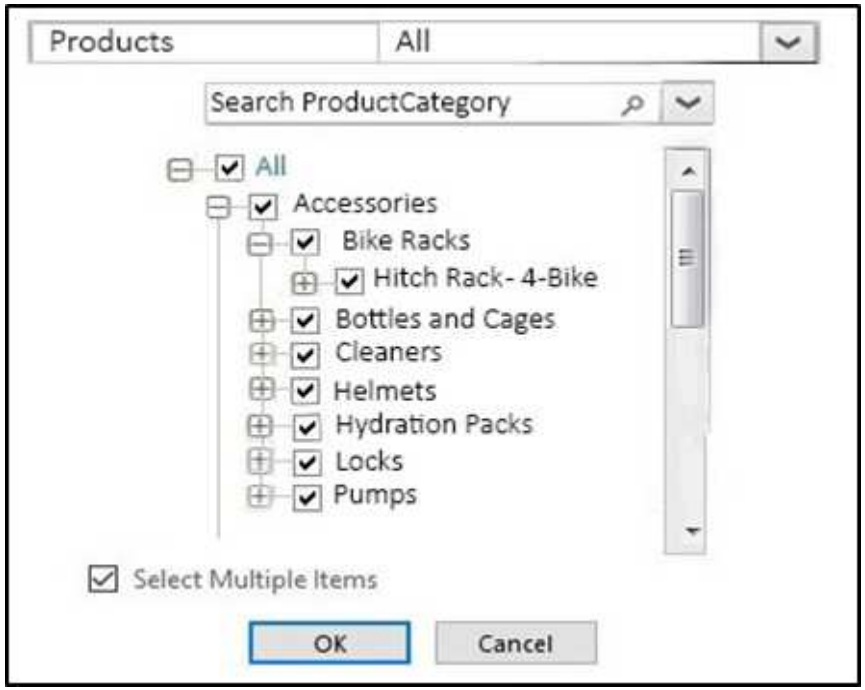
What should you do?

A. Change the Aggregate Value Function of the pivot
B. Change the Data Type of the Value column
C. Select the ID column, and then click **Unpivot Columns**
D. Delete the Pivoted Column step. Select the Key column, and then click **Unpivot Columns**

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7098

QUESTION 19
You need to create a PivotChart that has a filter as shown in the following exhibit.



What should you do first?

A. From the model, create a measure
B. From Query Editor, create a function
C. From the model, create a hierarchy
D. From Query Editor, create a parameter

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/measures-in-power-pivot-86484821-a324-4da3-803b-82fd2e5033f4

QUESTION 20
DRAG DROP

You create a new workbook and add a table to a data model. The data is shown in the following table.

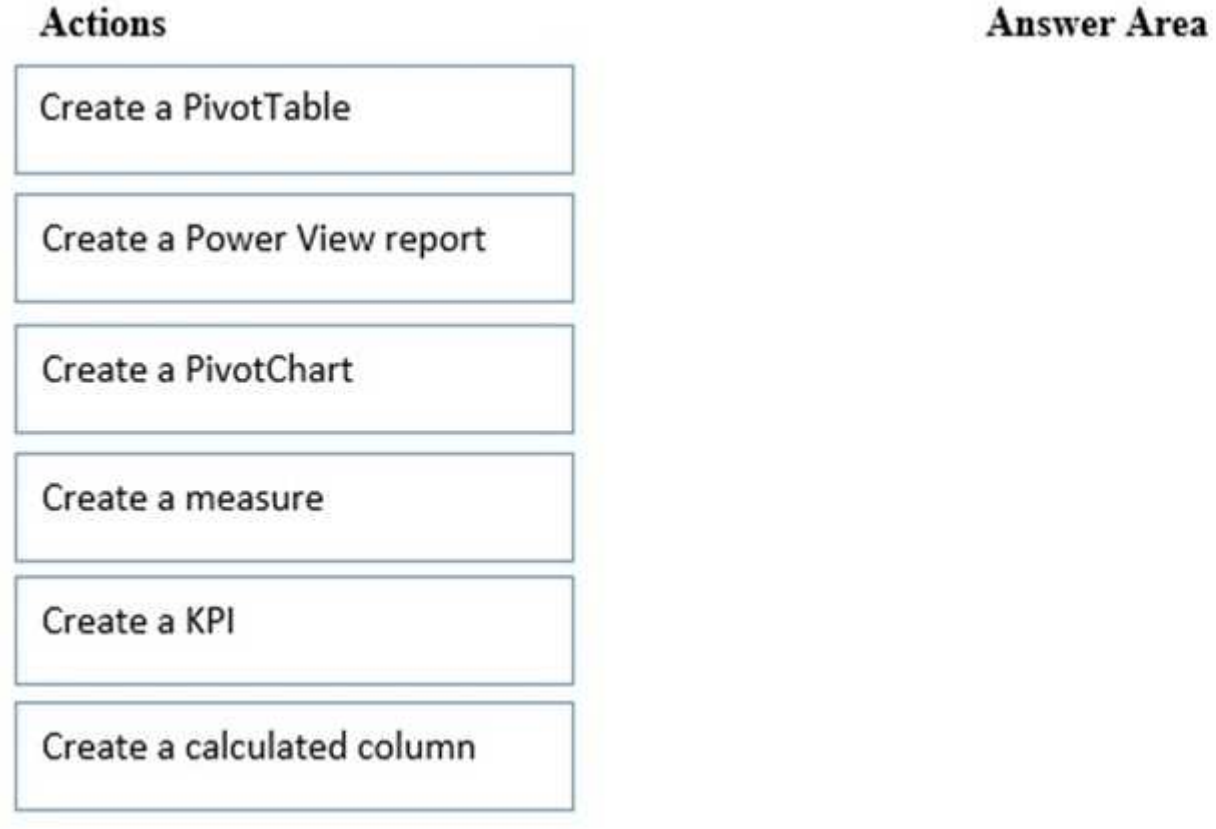
Order Date	ProductID	UnitPrice
1/12/02 12:00 AM	500	$809.76
2/20/02 12:00 AM	500	$1,376.99
7/6/02 12:00 AM	501	$158.43
2/18/02 12:00 AM	502	$1,391.99
7/25/02 12:00 AM	503	$48.59
5/16/02 12:00 AM	503	$41.99
9/15/02 12:00 AM	504	$323.99
9/17/02 12:00 AM	504	$323.99

You need to create a visualization as shown in the following exhibit.

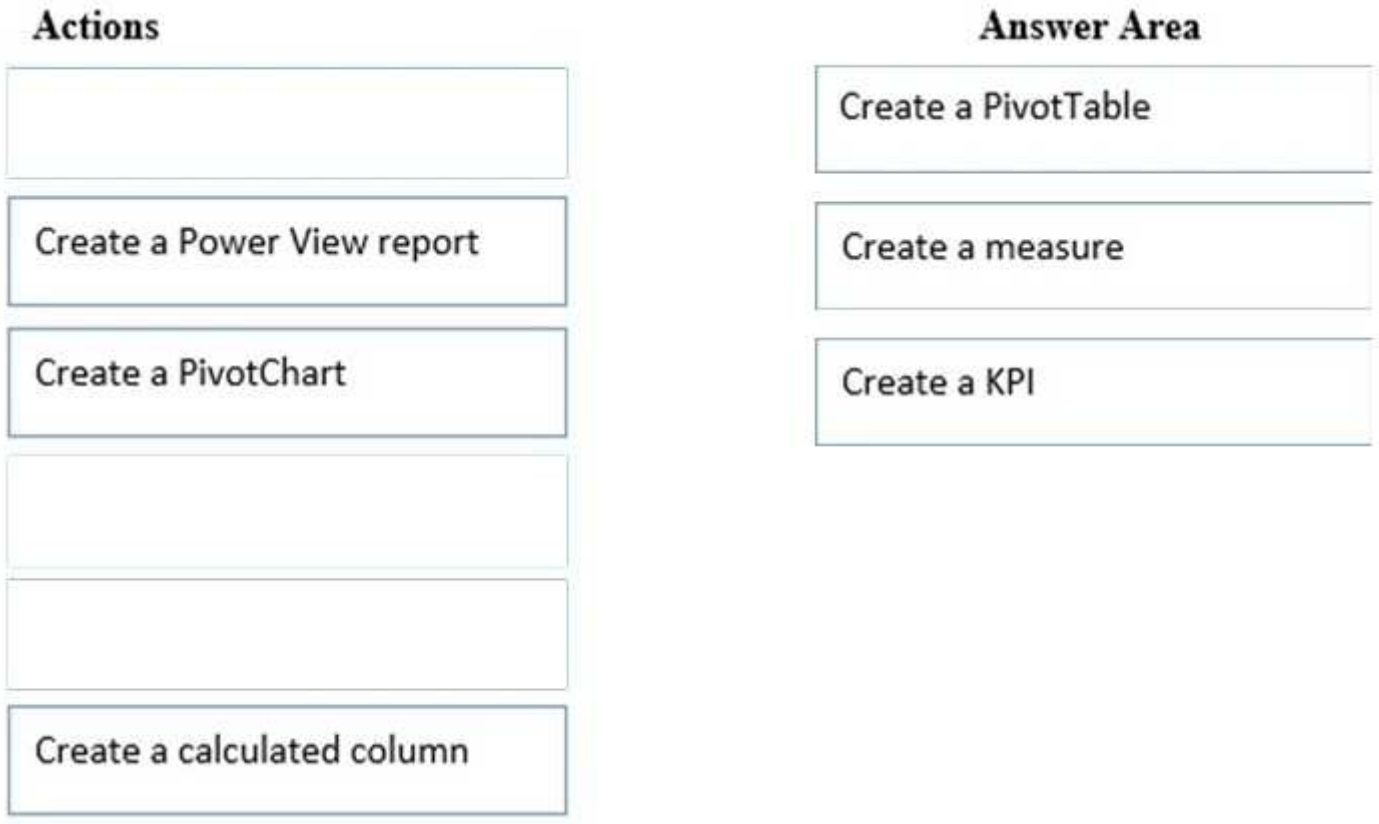
Row Labels	Average of Unit Price	Average of Unit Price Status
500	1093.375	
501	158.43	
502	1391.99	
503	45.29	
504	323.99	
Grand Total	**559.46625**	

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:



Correct Answer:



Section: (none)
Explanation

Explanation/Reference:
References:
https://support.office.com/en-us/article/create-a-measure-in-power-pivot-d3cc1495-b4e5-48e7-ba98-163022a71198?ui=en-US&rs=en-US&ad=US
https://support.office.com/en-us/article/key-performance-indicators-kpis-in-power-pivot-e653edef-8a21-40e4-9ece-83a6c8c306aa

QUESTION 21
You have the following table.

Month Number	Month Name
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December

You plan to use [Month Name] as the axis in a PivotChart.

You need to ensure that whenever [Month Name] is used in a chart, the months are displayed chronologically by default.

What should you do?

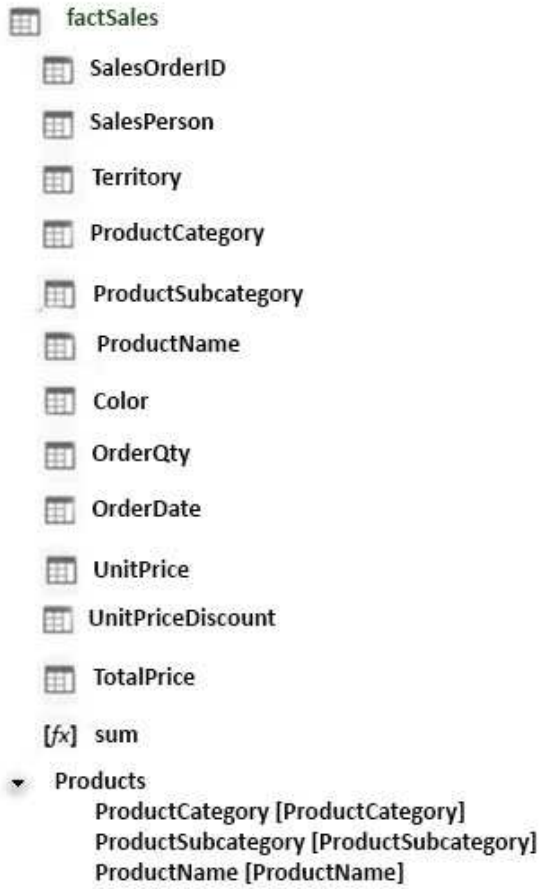
A. Add a calculated column named [ID] that uses the [Month Name]&[Month Number] DAX formula
B. Change the Data Type of [Month Name] to **Date**
C. Sort the [Month Number] column by [Month Name]
D. Sort the [Month Name] column by [Month Number]

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
References: https://gasperkamensek.wordpress.com/2013/04/16/sorting-months-chronologically-and-not-alphabetically-in-a-pivot-table-report-based-on-power-pivot-data/

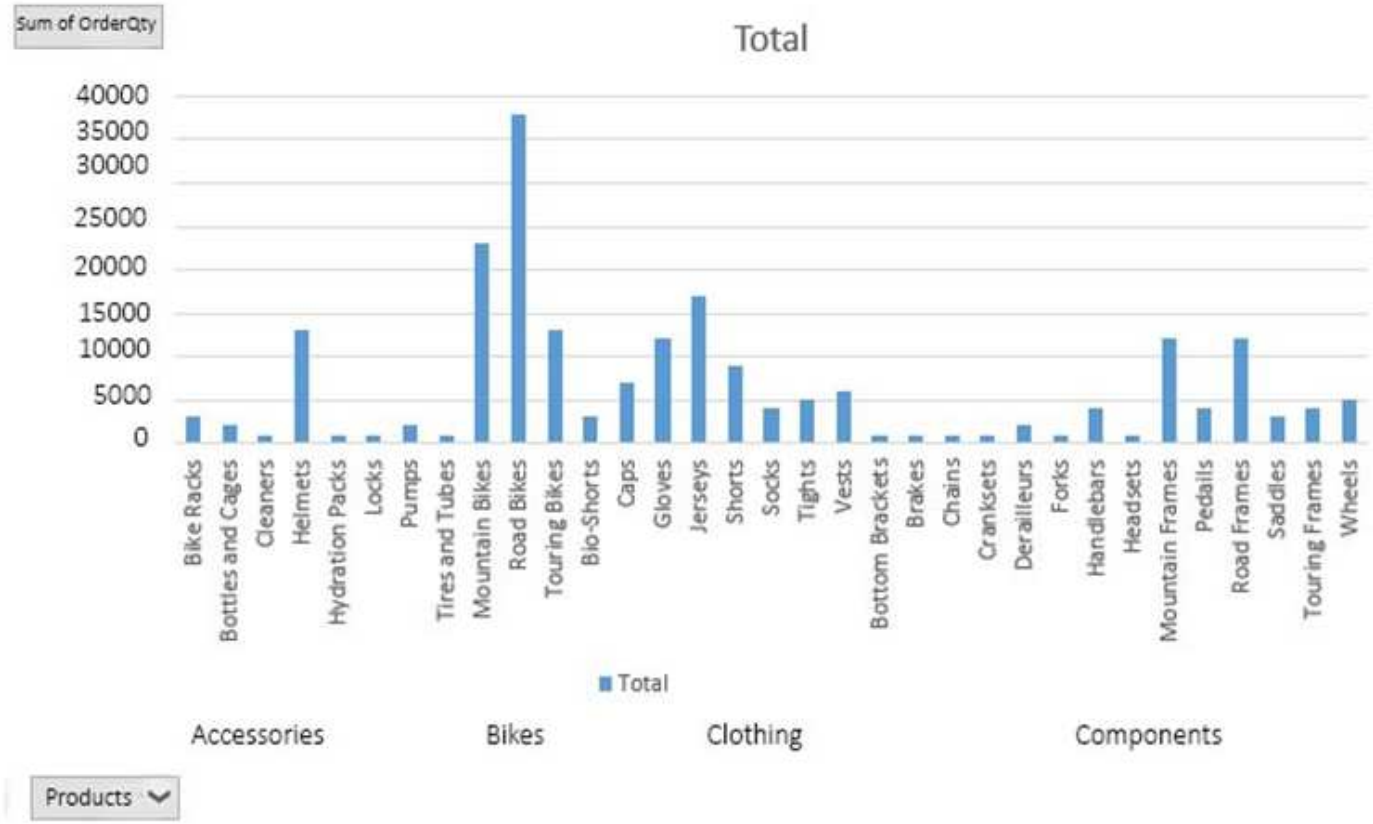
QUESTION 22
You have the data model shown in the **Data Model** exhibit. (Click the **Exhibit** button.)

Data Model exhibit:



You have the PivotChart shown in the **Pivot Chart** exhibit. (Click the **Exhibit** button.)

Pivot Chart exhibit:



You need to change the current view of the PivotChart to display ProductCategory only.

What should you do?

A. Right-click a bar in the PivotChart and click **Expand Entire Field**
B. Right-click the PivotChart and click **Reset to Match Style**
C. Click the + button
D. Click the – button

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/expand-collapse-or-show-details-in-a-pivottable-or-pivotchart-d70d7e70-d230-4d45-81db-1f5e39bcb394

QUESTION 23
DRAG DROP

You have a model that contains the following table named Sales.

ID	Date	Category	UnitsSold	UnitPrice	LineTotal
4434	2017-04-15	Cat1	100	100	10000
4435	2017-04-16	Cat1	200	100	20000
4436	2017-04-17	Cat2	200	200	40000
4437	2017-04-18	Cat5	100	150	15000

You have a measure named TotalSales that calculates the sum of LineTotal.

You plan to create a PivotChart to display TotalSales for each category and the percent of total sales for each category as shown in the following exhibit.

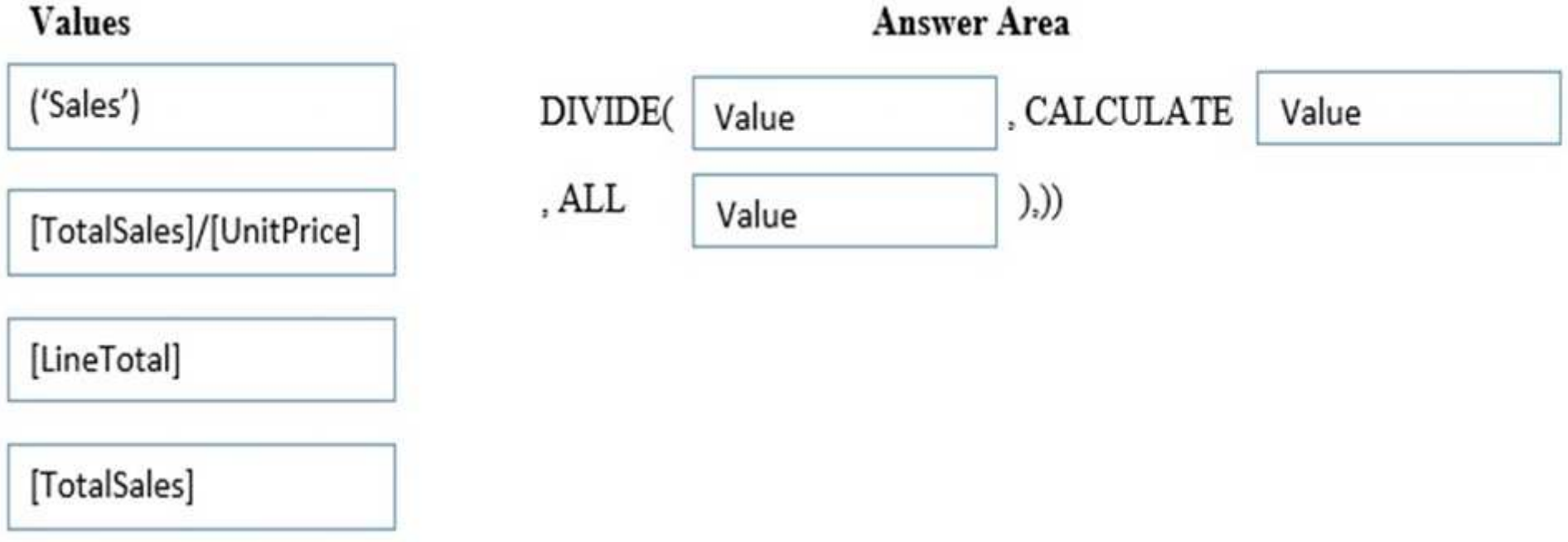
Row Labels	TotalSales	Percent	Category
Cat1	30000	0.352941176	Cat1
Cat2	40000	0.470588235	Cat2
Cat5	15000	0.176470588	Cat5
Grand Total	**85000**	**1**	

How should you complete the DAX formula for the Percent measure? To answer, drag the appropriate fields to the correct areas. Each field may be used once,

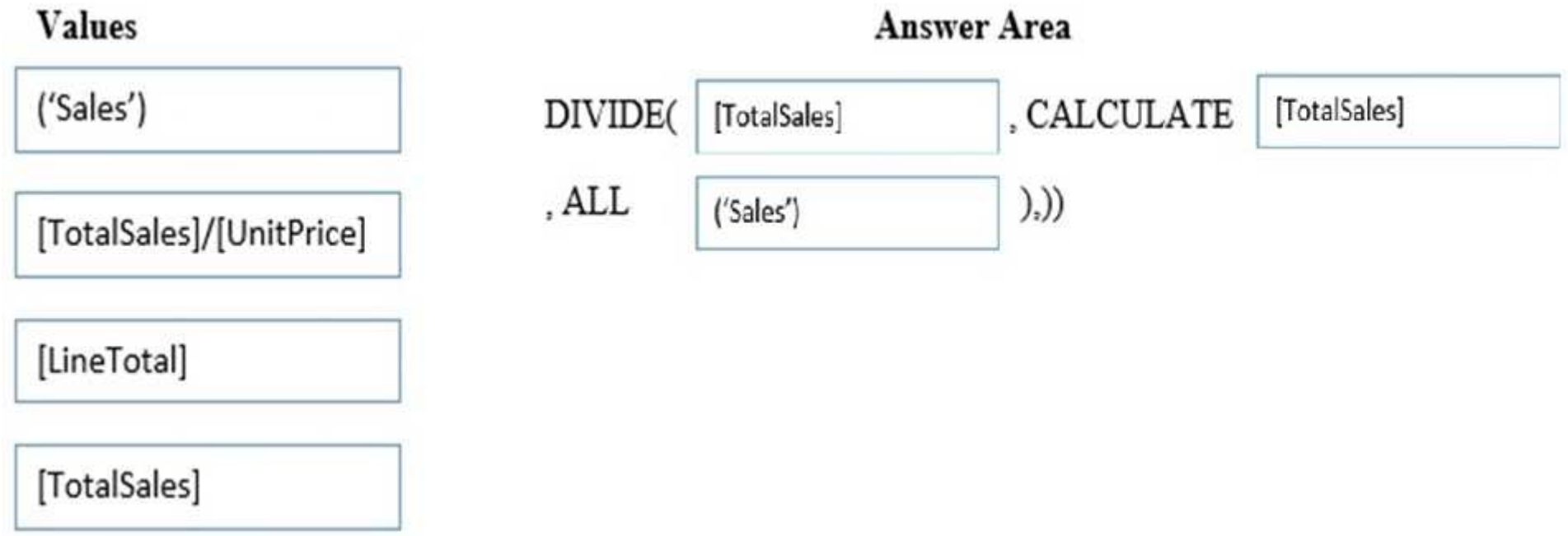
more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Section: (none)
Explanation

Explanation/Reference:
References: https://www.fourmoo.com/2017/07/18/power-bi-dax-measures-for-excel-based-of-column-total-or-of-row-total/

QUESTION 24
You have a table in a Power Pivot model that is loaded from a Microsoft SQL Server database.

The source table has four columns named ID, Price, Quantity, and Total. Total is derived by multiplying Price and Quantity. ID is a unique row identifier.

You need to minimize the amount of memory used to load the model. The solution must ensure that you can create visualizations based on Price, Quantity, and Total.

What should you do?

A. Replace the Total column by using a measure
B. Replace the Total column by using a calculated column

C. From Query Editor, remove duplicate rows from the table
D. Move the Total column to a lookup table

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/create-a-memory-efficient-data-model-using-excel-and-the-power-pivot-add-in-951c73a9-21c4-46ab-9f5e-14a2833b6a70#__toc373850959

QUESTION 25
You add two tables named Date and Invoices to a data model. Invoices contains a column named InvoiceDate that has a data Type of Date. Date contains a column named DateID that has a Data Type of Whole Number. DateID is in the format of YYYYMMDD.

You need to create a relationship between Date and Invoices.

What should you do first?

A. Change the Data Type of InvoiceDate and DateID to **Text**
B. Create a calculated column in Invoices that uses the `FORMAT` DAX function
C. Change the Data Type of DateID to **Date**
D. Create a measure in Invoices that uses the `FORMAT` DAX function

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
References: https://support.office.com/en-us/article/data-types-in-data-models-e2388f62-6122-4e2b-bcad-053e3da9ba90?ui=en-US&rs=en-US&ad=US#__toc319430522