Autodesk Certified Professional Real Exam Questions and Answers FREE ACP-01101 Updated on Sep 21, 2024 [Q27-Q44

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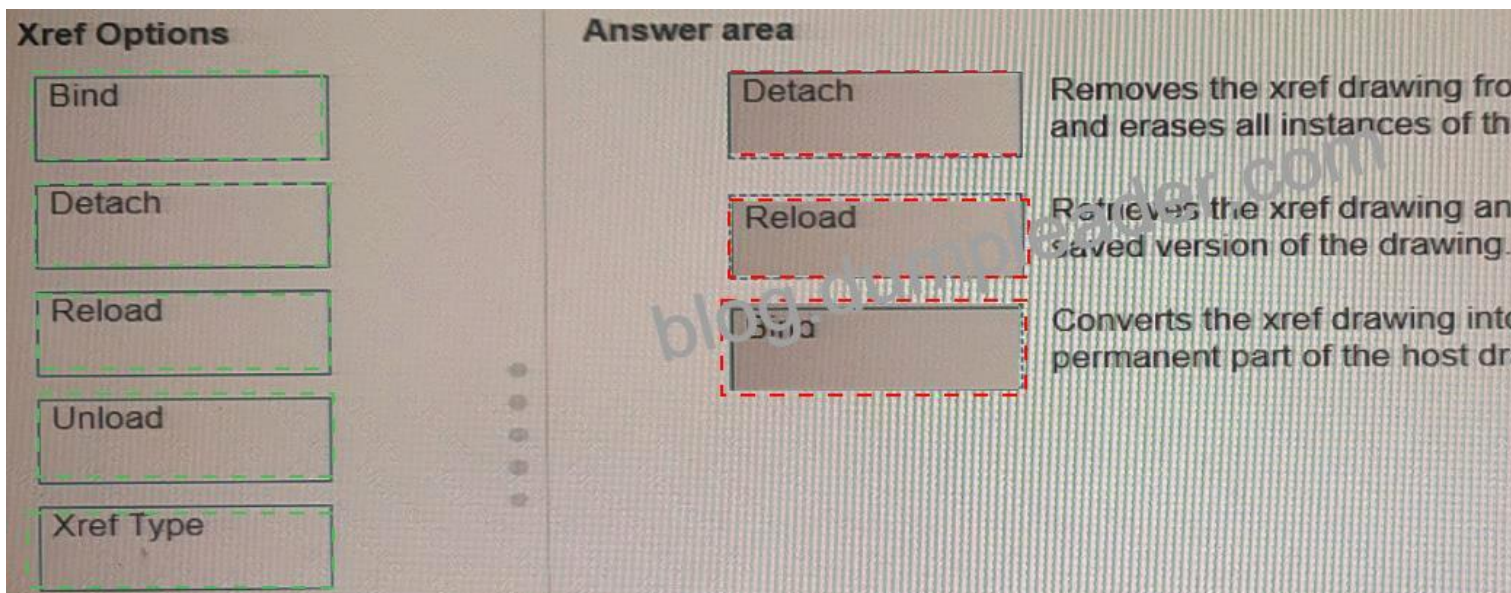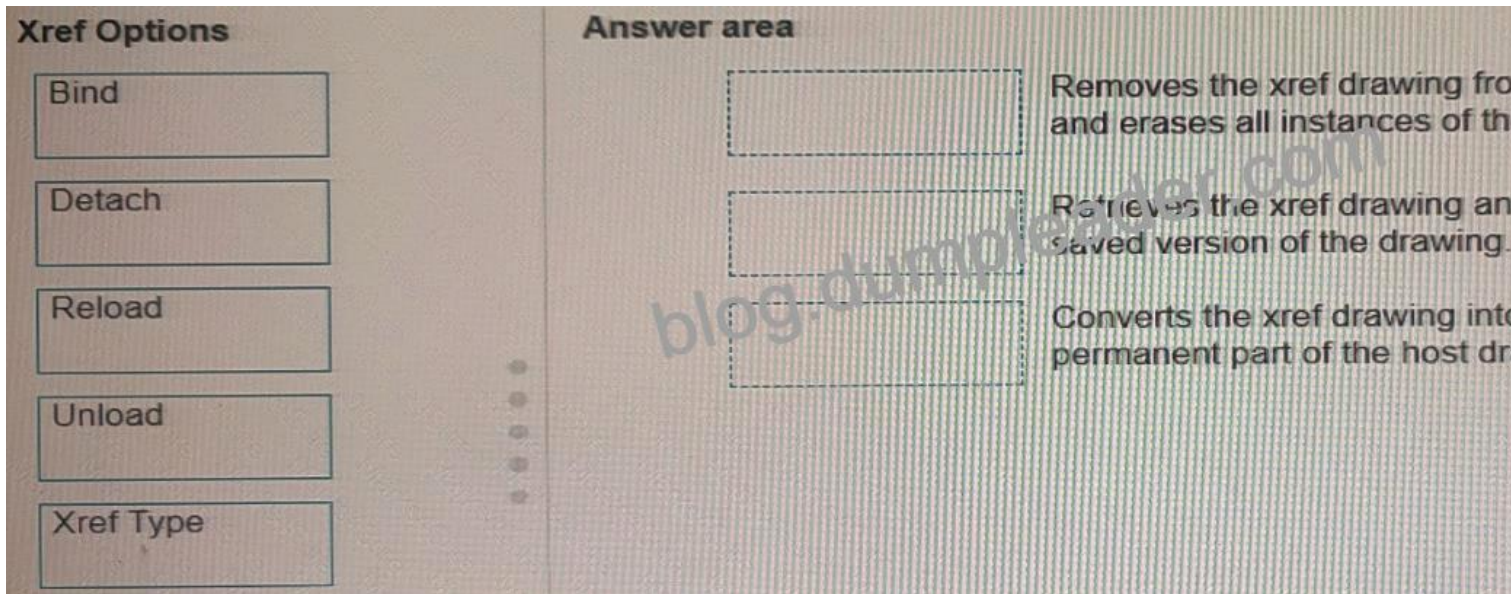ACP-01101 Ultimate Study Guide - Dumpleader

To prepare for the Autodesk ACP-01101 certification exam, candidates can take advantage of a range of resources offered by Autodesk. These include online courses, practice exams, and study guides. It is also recommended that candidates have at least two years of experience using AutoCAD before attempting the exam. This will ensure that they have a good understanding of the software and are better prepared for the exam.

Autodesk ACP-01101 certification exam is a valuable asset for professionals seeking to validate their skills and knowledge in using AutoCAD for drafting and design. It is recognized by the software developer and is a valuable asset for professionals seeking career advancement in the drafting and design industry. By preparing for and achieving this certification, professionals can demonstrate a high level of proficiency in using AutoCAD, and employers can benefit from having certified professionals on their team.

NEW QUESTION 27

Move three applicable xref options from the list on the left to the corresponding functions on the right Xref options may be used

once or not at all. (Select 3)

Xref Options	Answer area
Bind	[ ] Removes the xref drawing fro and erases all instances of th
Detach	[ ] Retrieves the xref drawing an saved version of the drawing.
Reload	[ ] Converts the xref drawing into permanent part of the host dr
Unload	
Xref Type	

Xref Options	Answer area
Bind	Detach — Removes the xref drawing fro and erases all instances of th
Detach	Reload — Retrieves the xref drawing an saved version of the drawing.
Reload	Bind — Converts the xref drawing into permanent part of the host dr
Unload	
Xref Type	

Explanation:

Removes the xref drawing from the host drawing permanently and erases all instances of the xref drawing. = Detach

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD Retrieves the xref drawing and displays the most recently saved version of the drawing. = Reload

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD Converts the xref drawing into a block, making the drawing a permanent part of the host drawing. = Bind

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD

NEW QUESTION 28

Exhibit.

The DATALINK and TABLE commands were used to create the COMPUTER SCHEDULE table.

The CAD designer selects the empty cells on the bottom tow to edit the cells to apply the TOTALS text.

Which method should be used to modify the table.
* Merge the cells, then merge by all
* Merge me cells men merge by row
* Unlock the cells, then merge by row.
* Unlock the cells merge the cells then merge by column

When dealing with tables in AutoCAD, especially when you need to format or merge cells, the process generally involves a few clear steps:

* Select Cells to Merge: Select the cells you want to merge.

* Merge by Row: After selecting, merge the cells in the row. This consolidates the selected cells into a single cell which is useful for labeling a total row.

Steps to achieve this:

* Click on the first cell you want to merge.

* Hold down the shift key and click the last cell in the row to select all the cells you want to merge.

* Right-click and select “Merge Cells” and then choose the option to merge by row.

NEW QUESTION 29

You are using the UCS command to set the user coordinate system (UCS)

Select whether each statement is True or False.

Answer area

Tr

You can use the View option to align the UCS with the current view orientation.

You can use the World option to set the UCS back to the previous location.

You can use the Named option to restore saved UCS definitions.

Answer area

Tr

You can use the View option to align the UCS with the current view orientation.

You can use the World option to set the UCS back to the previous location.

You can use the Named option to restore saved UCS definitions.

Explanation:

* TrueAccording to 1 and 2, UCS is a command that sets the user coordinate system (UCS) which establishes the XY work plane and Z-axis direction for drawing and modeling.

Based on 1, you can use the View option to align the UCS with the current view orientation. This option rotates the UCS so that it matches your current view of a 3D model.

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/AutoCAD

* Falseccording to 1 and 2, UCS is a command that sets the user coordinate system (UCS) which establishes the XY work plane and Z-axis direction for drawing and modeling.

Based on 1, you can use the World option to set the UCS back to its default orientation. This option resets the UCS so that it matches the WCS (world coordinate system).

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/AutoCAD

* TrueAccording to 1 and 2, UCS is a command that sets the user coordinate system (UCS) which establishes the XY work plane and Z-axis direction for drawing and modeling.
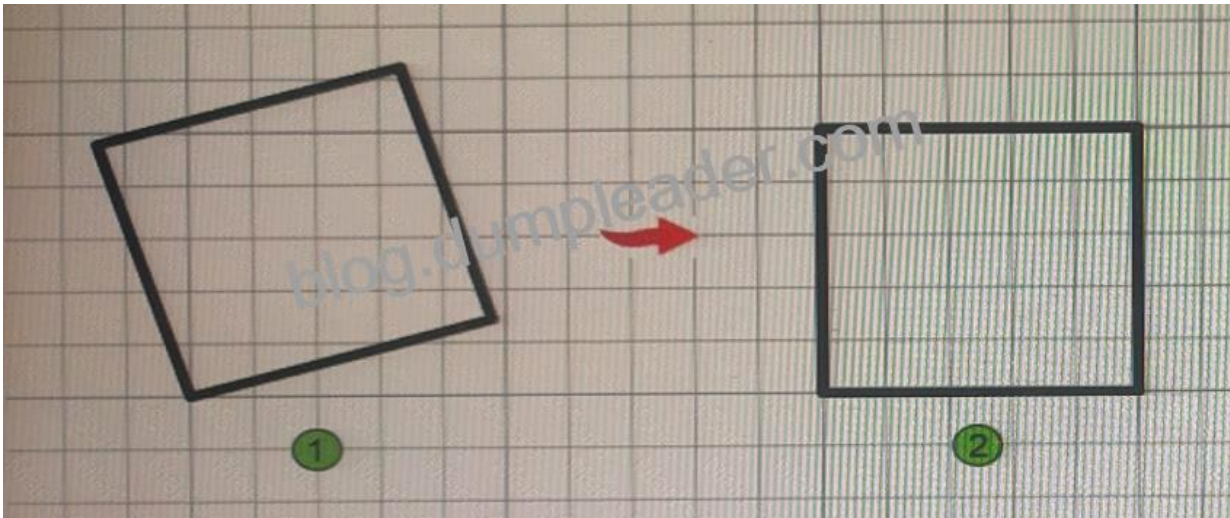
Based on 1, you can use the Named option to save or restore named UCS definitions. This option allows you to create custom UCSs and switch between them easily.

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/AutoCAD

NEW QUESTION 30

In which order should you perform the actions to rotate square (1) to match the angle of square (2).

Move all actions to the answer area and place them in the correct order.

Explanation:

rotate is a command that rotates selected objects around a base point to an absolute angle. You can specify the base point and the rotation angle by entering values or selecting points. You can also use the reference option to align objects with other objects.

* 1- Start the Rotate command, select the square, and press Enter

* 4- Specify the base point

* 5- Select the Reference option

* 3- Select the lower left corner and the lower right corner as the first and second points of the reference angle

* 2- Enter a value of 0 for the new angle and press Enter

NEW QUESTION 31

Select whether each statement is True or False.

Answer area

A polyline can include both straight line segments and arc segments.

The radius on a spline can be found in AutoCAD properties.

You can use the Explode command to convert a spline into a polyline.

You can assign only one elevation to a 2D polyline.

Explanation:

True

1. According to the AutoCAD for Design and Drafting documents1, a polyline is a connected sequence of line segments created as a single object. You can create straight line segments, arc segments, or a combination of the two2341. Therefore, the correct answer is True. A polyline can include both straight line segments and arc segments.

2. False.According to the AutoCAD for Design and Drafting documents1, a spline is a smooth curve that passes through or near a set of fit points, or that is defined by the vertices in a control frame. A spline does not have a constant radius, but rather a local radius at each point on the curve2. Therefore, AutoCAD cannot directly dimension or display a radius of a spline curve23. You can use some workarounds such as exploding the curve to arc segments with the FLATTEN command2, or creating a polyline over the top with arc active3, but these may not be accurate or desirable. Therefore, the correct answer is False. The radius on a spline cannot be found in AutoCAD properties.3. TrueAccording to the AutoCAD for Design and Drafting documents1, a 2D polyline is a connected sequence of line segments created as a single object. You can specify an elevation for a 2D polyline using the Edit Polyline Elevations command2. However, this command will assign the same elevation to all vertices of the polyline2. Therefore, you cannot assign different elevations to different segments or points of a 2D polyline. Therefore, the correct answer is True. You can assign only one elevation to a 2D polyline.

NEW QUESTION 32

A site plan was recently modified to relocate a building to a new location While relocating the building, only the hatch location of the building was moved by mistake as shown in the exhibit.

Evaluate the graphic and answer each question by selecting the correct options from the drop-down lists.

Answer area

What can you do while creating the hatch to prevent the hatch and the polyline from separating?

Set the hatch origin
Turn on Associative Hatching
Turn on Outer island detectio
Select the polyline boundary

What can you do to obtain the building polyline?

Explode the hatch object
Use the Recreate Boundary
Draw a polyline that is snapp

Explanation:

Box 1 = Turn on Associative Hatching

Box 2 = use the Recreate Boundary option from Hatch Editor

https://knowledge.autodesk.com/support/autocad/troubleshooting/caas/sfdcarticles/sfdcarticles/Recreating-hatch-

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2018/ENU/AutoCAD

NEW QUESTION 33

You start the EXTEND command.

You need to be able to trim several objects quickly without exiting the EXTEND command.

What should you do?
* Hold the Shift key while selecting the objects.
* Hold the Alt key while selecting the objects.
* Hold the Ctrl key while selecting the objects.
* Hold the Ctrl+Shift key while selecting the objects.
According to the AutoCAD for Design and Drafting documents1, the EXTEND command allows you to extend objects to meet the edges of other objects. To trim objects instead of extending them, you can hold down the Shift key while selecting the objects1. This will invoke the TRIM command within the EXTEND command.

https://autocadprojects.com/trim-and-extend-command/

NEW QUESTION 34

Move three applicable commands from the list on the left to the corresponding function on the right.

Commands may be used once or not at all (Select 3)

Explanation

Box 1 : Batch plot

One of the topics covered in this course is Plotting Drawings2. In this topic, you can learn how to print multiple sheets or drawings to a plotter, printer, DWF file, or PDF file. The applicable command for this function is Batch plot (PUBLISH)2.
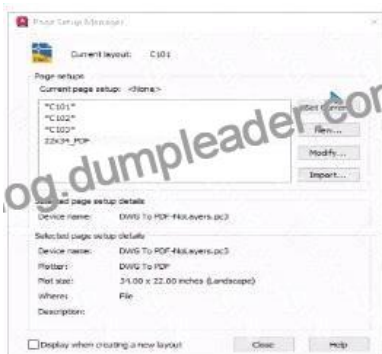
https://www.autodesk.com/certification/learn/course/autocad-drawing-design-drafting-professional Box 2: EtransmitOne of the topics covered in this course is Sharing Drawings2. In this topic, you can learn how to create a package of drawing files and their dependencies. The applicable command for this function is Etransmit (ETRANSMIT)2.

https://www.autodesk.com/certification/learn/course/autocad-drawing-design-drafting-professional Box3: ExportOne of the topics covered in this course is Exporting Drawings2. In this topic, you can learn how to save the objects in a current drawing to a different file format, such as SAT, STL, etc. The applicable command for this function is Export (EXPORT)2.

https://www-int.autodesk.com/certification/learning-pathways/autocad-design-drafting

NEW QUESTION 35

Refer to exhibit.

The CAD designer is asked to assign the 22x34_PDF page setup lo a layout Which process should do used for the layout to achieve the desired result1? (Note: Mac commands shown in parentheses
* Right-click (Control click) 22x34_PDF and select Set Current within the Page Setup Manager
* Drag and drop the 22x34_PDE page setup in the Page Setup Manager onto the Layout tab in the drawing
* Right-click (Control-click) the layout name and select Set Current within the Page Setup Manager.
* Drag and drop the 22x34_PDF page setup onto the layout name in the Page Setup Manage)
To assign the 22x34_PDF page setup to a layout, follow these steps in the Page Setup Manager:

* Open the Page Setup Manager:

* Type PAGESETUP in the command line and press Enter.

* Locate the 22x34_PDF Page Setup:

* In the Page Setup Manager, locate the 22x34_PDF page setup in the list of available setups.

* Set as Current:

* Right-click (Control-click on Mac) on the 22x34_PDF page setup.

* Select Set Current from the context menu. This action will assign the selected page setup to the current layout.

* Verify the Changes:

* The current layout will now use the 22x34_PDF page setup. You can verify this by checking the plot settings in the layout tab.

NEW QUESTION 36

You have the drawing shown in the exhibit.
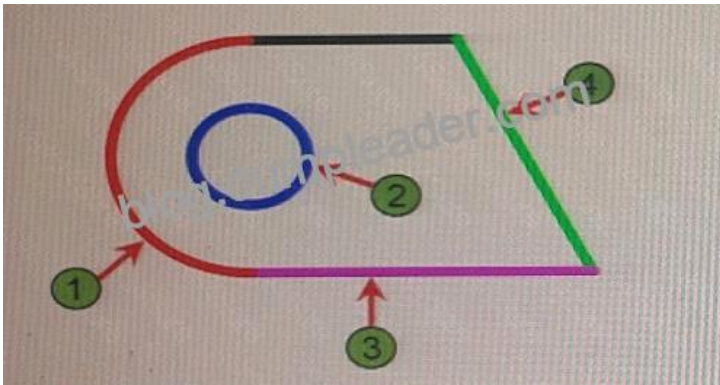
You are using the DIM command to preview suitable dimension type objects in the drawing.

Which dimension type will appear when you hover over each object? Select the appropriate dimension type from each of the drop-down lists.

Answer area

① - Arc

| Align |
| Angular |
| Diameter |
| Linear |
| Radial |

② - Circle

| Align |
| Angular |
| Diameter |
| Linear |
| Radial |

③ - Horizontal line

| **Align** |
| Angular |
| Diameter |
| Linear |
| Radial |

④ - Angled line

| Align |
| Angular |
| Diameter |
| Linear |
| Radial |
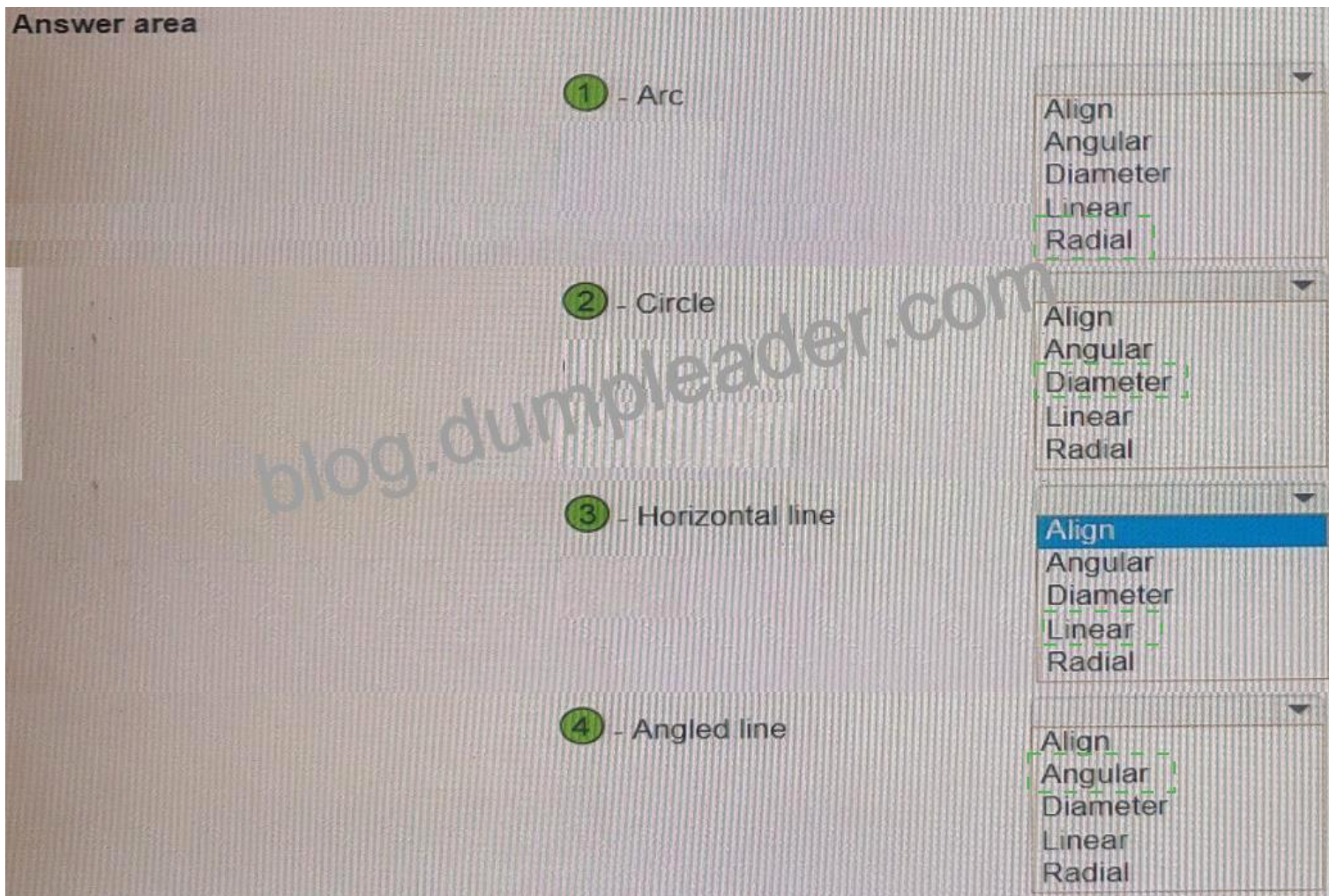
* When you hover over the arc (1), you will see a radius dimension type preview.

* When you hover over the circle (2), you will see a diameter dimension type preview.

* When you hover over the horizontal line (3), you will see a horizontal linear dimension type preview.

* When you hover over the angled line (4), you will see an angular dimension type preview.

NEW QUESTION 37

Refer to the exhibit.

The exhibit shows a plan view of an office arrangement. There is also a table of area of each room areas, which displays the area of each room highlighted with a bold polyline.

The room number labels in the plan are denoted by blocks; made up of a rectangle and a room number attribute.

Which entity in the drawing is used to put the graphical representation of the room number in the Room No.

column in the table?
* Block
* Attribute
* Rectangle and text
* Single line text
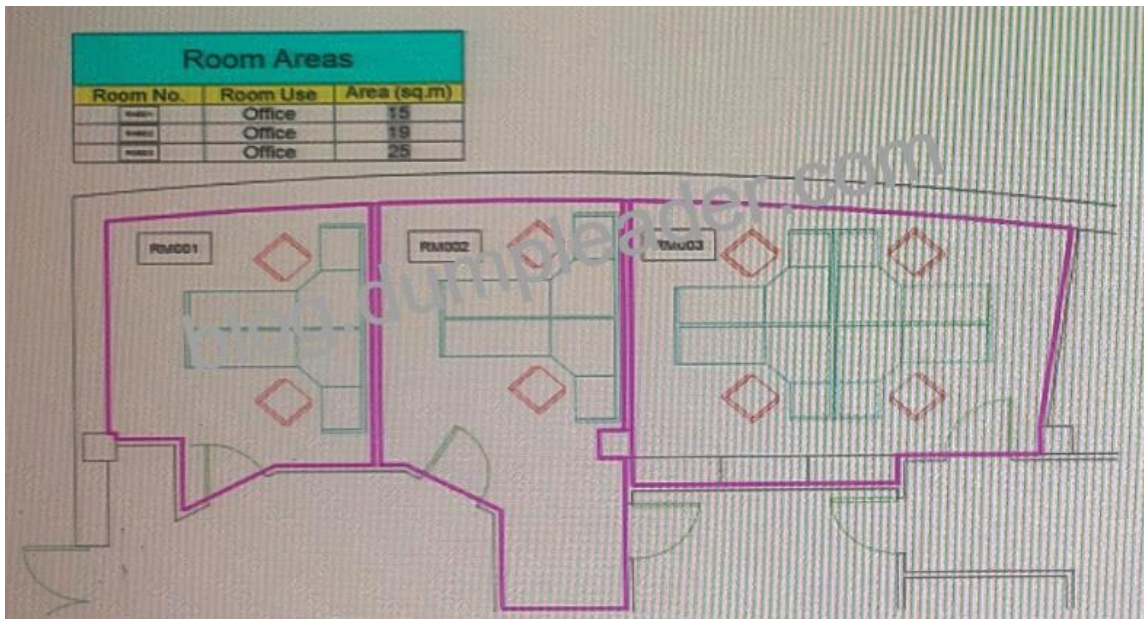
a block attribute is a tag or label that attaches data to a block. The data can be extracted and displayed in a table. Therefore, the entity in the drawing that is used to put the graphical representation of the room number in the Room No. column in the table is B. Attribute.

http://autocadtip.com/how-to-create-block-attribute-in-autocad.html

NEW QUESTION 38

Which two objects support associative dimensions? (Select 2)
* Hatches
* Arcs
* Images
* Polylines

Explanation

associative dimensions adjust to changes in the geometric objects they measure. Dimension associativity defines the relationship between geometric objects and the dimensions that give their distance and angles.

Based on 2 and 3, dimensions in a layout may be associated to objects in model space when the DIMASSOC system variable is set to 2.

NEW QUESTION 39

You are setting up a drawing layout.

You need to rotate the viewport viewing angle by 90 degrees without rotating the viewport.

What should you do next?
* Select the viewport that you want to rotate, and then use the Rotate command.
* Activate the viewport that you want to rotate. Start the Dview command and use the Twist option.
* Select the viewport that you want to rotate, and then use the UCS command with the Z Axis option.
* Activate the viewport that you want to. Start the Dview command and use the Camera option.
Explanation

you need to activate the viewport that you want to rotate and start the Dview command with the Twist option.

This will allow you to rotate the view within a viewport without rotating the viewport itself.

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD

NEW QUESTION 40

A company’s central server holds project directories that contain drawings. Team members who work onsite copy a directory locally to work offline.

Users often report that external references (xrefs) cannot be loaded after copying the project directories to their local machine from the company’s central server.

How should you make sure that the users can load the xrefs without error?
* Set the external references to use relative paths
* Set the Reference Type of the xrefs to Overlay
* Set the external references to use absolute paths
* Set the Reference Type of the xrefs to Attachment
Explanation

the external references use relative paths to load them without error after copying them locally from a central server. This way, you can avoid broken links due to changes in drive letters or folder names.

https://grabcad.com/tutorials/working-with-external-references-xrefs-autocad

NEW QUESTION 41

You have a simple polyline selected that consists of li Select whether each statement is True or False.

Answer area

By hovering over the center grip of the arc segment you can convert the arc to a line.

You can edit the polyline width by hovering over certain grips.

You can add a new vertex by hovering over certain grips.

Answer area

By hovering over the center grip of the arc segment you can convert the arc to a line.

You can edit the polyline width by hovering over certain grips.

You can add a new vertex by hovering over certain grips.

* FalseYou cannot convert an arc to a line by hovering over the center grip of the arc segment. You need to convert the arc to a polyline first, then use the FLATTEN command, and answer YES to remove hidden lines. Then you can explode the polyline to get line segments.

https://forums.autodesk.com/t5/autocad-forum/autocad-is-it-possible-to-convert-an-arc-to-a-segemented-li

* Falseyou can edit the polyline width by hovering over certain grips if they are vertex grips or midpoint grips. However, if they are arc segment grips, you cannot edit the width by hovering over them1.

Therefore, the statement is false.

https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2015/ENU/Auto

* Falseyou can add a new vertex by hovering over certain grips if they are edge grips or midpoint grips. However, if they are vertex grips or arc segment grips, you cannot add a new vertex by hovering over them2. Therefore, the statement is false.

NEW QUESTION 42

Exhibit.

Sediment Trap

Elevation (feet)	Area (sq. ft.)	A1+A2+sqrt(A1*A2) (sq. ft.)	Volume (cu. ft.)	Volume Sum (cu. ft.)	Volume Sum (cu. yd.)
259.000000	2160.000000	0.000000	0.000000	0.000000	0.000000
260.000000	2482.000000	6957	2319	2319	86
261.000000	2812.000000	7936	2645	4964	184
262.000000	3496.000000	9443	3148	8112	300
263.000000	4212.000000	11545	3848	11961	443

A CAD designer inserts a table linked to data from an Excel spreadsheet using the Data Links feature. The cell setting “Keep Data Formats and Formulas” was enabled when inserting the table shown in the exhibit Although all numerical values were rounded to the nearest whole number in Excel, only some retained that rounding upon inserting the table into AutoCAD What should the CAD designer do to make sure the numerical formatting of the table in AutoCAD permanently matches the source data in Excel?
* In Excel set the format of all numerical cells to Number with 0 decimal places
* in AutoCAD, update the Field precision value of numerical cells to 0
* in AutoCAD, set the Data Format of all numerical cells to Whole Number
* In Excel, within advanced document properties set data format to embedded

NEW QUESTION 43

Refer to exhibit.

Viewport A was copied to create Viewport B in the same layout.

Viewport B needs to display the trail system in blue and all other content as gray as shown.

Which changes should the CAL) designer make to display the linework in Viewport b as requested?
* Create a property filler group to assign the correct colors to the layer
* Change the layer colors as requested
* Force the color of the trees and trail in model space for each viewport
* Change the VP layer colors as requested
To achieve the desired appearance where the trail system is blue and all other content is gray in Viewport B, the designer needs to

utilize the viewport layer properties.

* Open the Layer Properties Manager:

* Type LAYER in the command line and press Enter.

* Modify VP Layer Colors:

* In the Layer Properties Manager, find the layers that need to be changed (the trail system and other content layers).

* Select the specific viewport (Viewport B) from the "Viewport Overrides" column.

* Change the Colors for Viewport B:

* For the trail system layer, set the color to blue.

* For all other layers, set the color to gray.

* This can be done by double-clicking the color cell in the "VP Color" column and selecting the desired color.

* Apply Changes:

* Close the Layer Properties Manager after making the necessary changes. The viewport overrides will apply, showing the trail system in blue and other content in gray in Viewport B.

NEW QUESTION 44

Exhibit.

A CAD designer wants to use the clipboard method to copy the car block to a separate floor plan drawing, and the designer wants to make sure that it is pasted into the same position in the garage relative to the lower left-hand comer, as shown in the exhibit Which clipboard workflow should the designer use?
* Cut > Paste as Block
* Copy > Paste Special
* Copy with Base Point> Paste
* Copy with Base Point> Paste to Original Coordinates

* Select the Car Block:

* In the current drawing, select the car block.

* Copy with Base Point:

* Right-click and choose “Clipboard” > “Copy with Base Point”.

* Specify the lower left-hand corner of the garage as the base point.

* Switch to the Target Drawing:

* Open the target drawing where you want to paste the car block.

* Paste to Original Coordinates:

* Right-click and choose “Clipboard” > “Paste to Original Coordinates”.

* The car block will be pasted into the same position relative to the garage as in the original drawing.

References:

* AutoCAD User Guide on Clipboard Operations

* Autodesk Knowledge Network: Copying and Pasting Objects in AutoCAD

Ultimate Guide to Prepare ACP-01101 Certification Exam for Autodesk Certified Professional:
https://www.dumpleader.com/ACP-01101_exam.html]