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ArcGIS Desktop Assessment

Note: Please **show** the **icons** where necessary in the answers.

1. What are the two important components of ArcGIS Desktop?
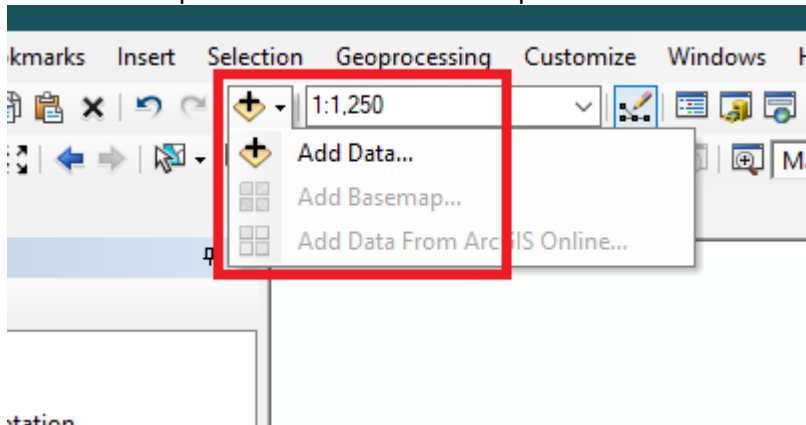
Ans: Arc Catalog and Arc Map

2. Show the icons to perform some important functions in the Editor toolbar?

Ans: Edit tool, edit annotation tool, Stright segment, end point arc segment, trace, cut polygon, Split tool

3. How to add different data to the ArcMap? Show the icon.

Ans: Add Map-Add data/Add base map

4. When a new project is started, in which file type the objects' data model is created?

Ans:.mxd

5. What is the difference between Merge and Union?

Ans: **Merge**-tool is used combined multiple features into single feature. And features belong to same type.
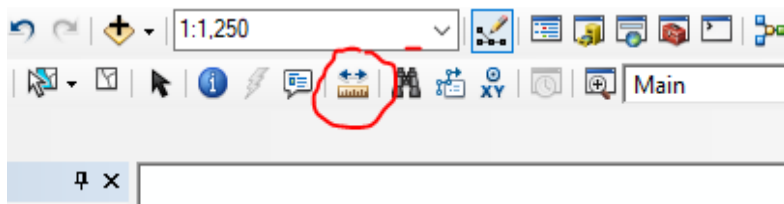
   Union- A new feature is created on the original selected features.

6. where do we set the projection system in ArcGIS?

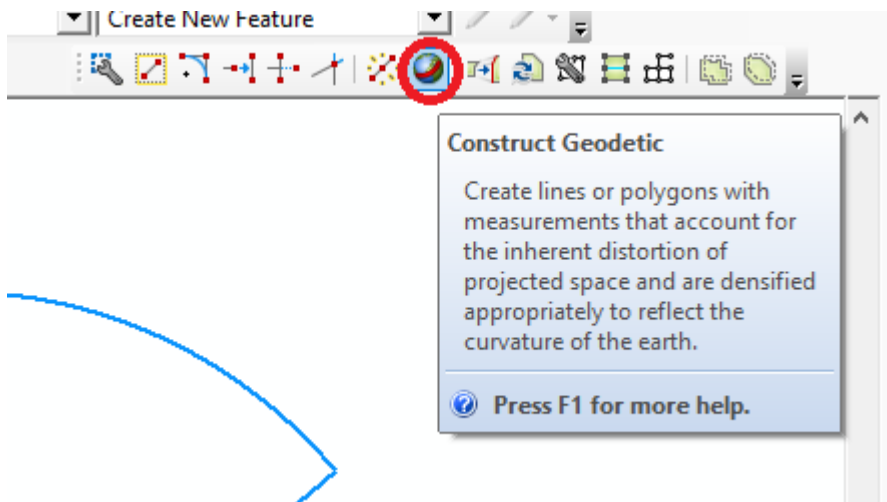Ans: Table of contents->layers ->right click properties-> coordinate system- projection system

7.   **What is the icon used for measuring distance between two points?**
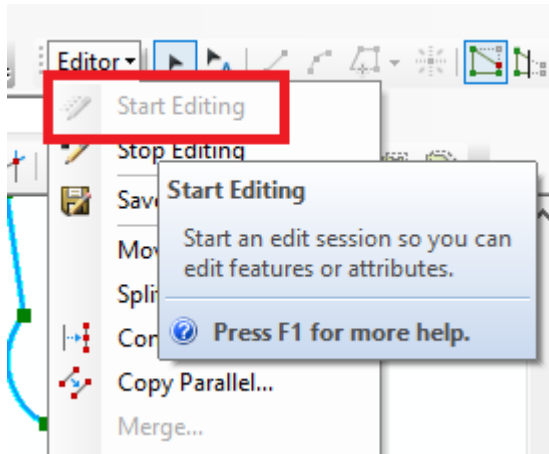
Ans: Measure distance and Area of the Map

8.   **Show the Editor to place a feature using X and Y coordinates.**

Ans: In Advance editing toolbar- we have construct geodetic icon.

9.   **What is the first most action to draw a feature in ArcMap?**

Ans: In the Editor tool click the start editing and enable the create feature template

10. Locate the button to activate the arc function?

Ans: Editor toolbar

11. What is this icon **in ArcMap does?**

Ans: To Save the Current ArcMap Document

12. Write any two methods to delete any feature?

Ans: Select the feature and hit the delete key in the keyboard and also Right Click the mouse and hit delete.
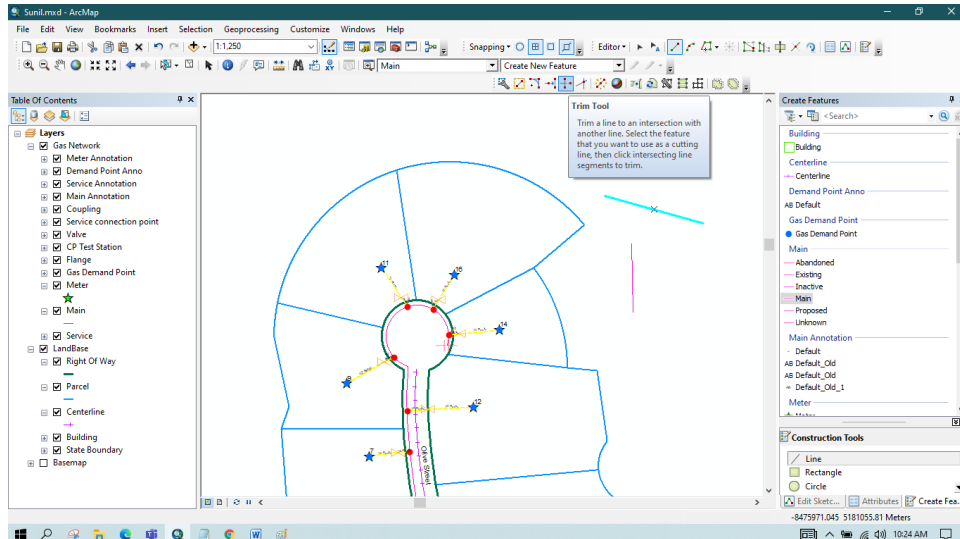
13. What is the short key F2 is used for?

Ans: F2 is used for finish sketch

14. What is the name of the pane that shows the feature datasets and features?

Ans: Table of Contents

15. Locate where the trim function is in ArcMap?

Ans: In advance Editing We can see the trim

16. What are the important file types that we use for our daily tasks?

Ans: .Gdb & .Mxd

17. Is offset function available in ArcMap? If so, locate it, if not answer as "NO".

Ans: Yes, click on the editor we can have the copy parallel. Copy parallel is used for offset.

18. Show the icon to change the shape of a polygon?

Ans: Used to reshape the Polygon and Line features

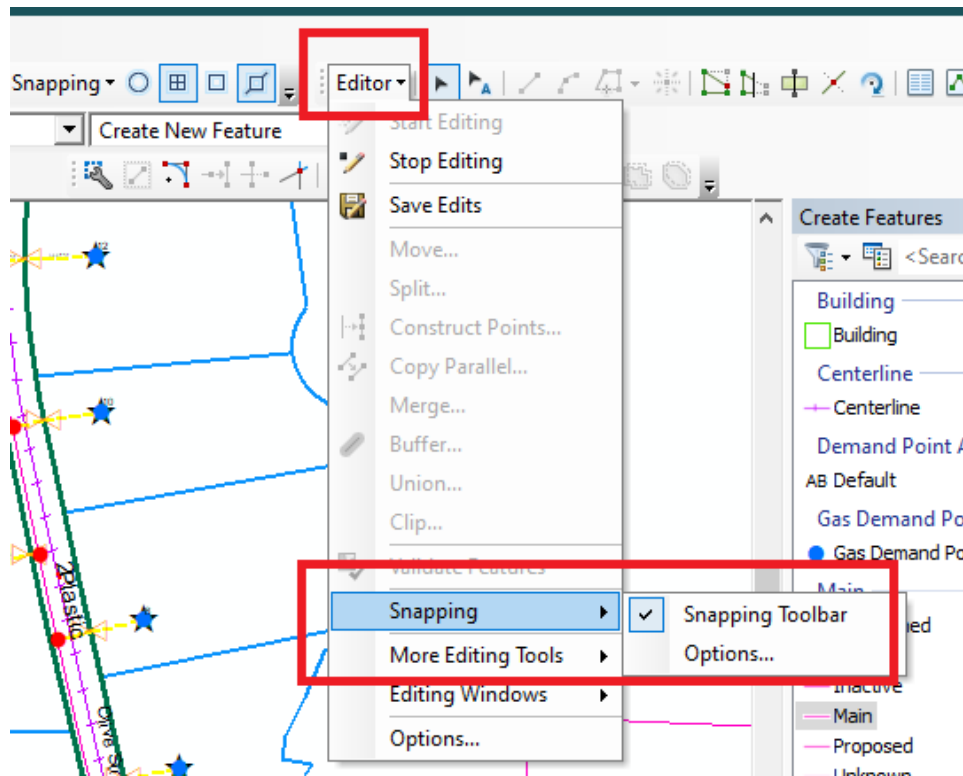### 19. Write any two options available in using the Split function?

Ans: Split by Distance and Split by Into Equal Parts, Percentage.

20. Can we create multiple point features at a time in ArcMap?

Ans: Editor -> construction points-> multiple

21. Where do we get the Snapping toolbar from?

Ans: Under Editor we get the Snapping toolbar

22. Where do we find Trace tool what does it do? Show the icon.

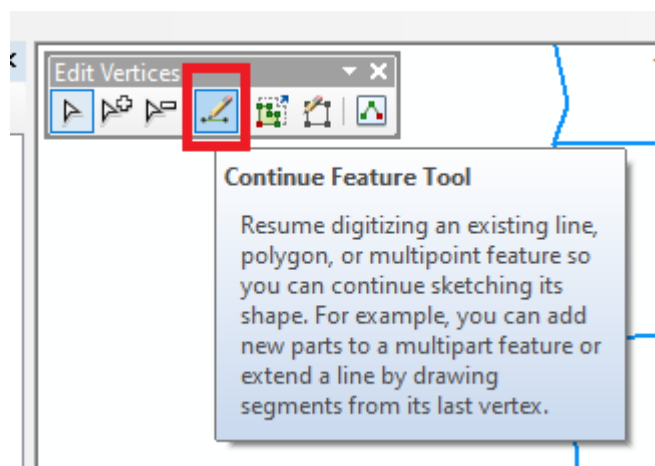Ans: Under Editor- Segment creation tools -Trace

Create segments by tracing existing feature. Right click or click on "O" to access tracing option.

23. Can we change the position of Vertices of a linear or polygon feature?

Ans: Select the feature and right click the mouse and hit Edit Vertices or Yet. In editor toolbar-->Construct point toolbar

24. Assume that a gas pipe or an electrical conductor in the existing data has stopped at wrong location. Can we continue drawing it further? If so, what tool would be useful?

Ans: Yes. Continuous Feature tool at Edit vertices Tool bar

25. What is to be done once drawing of the features is completed?

Ans: Editor ---->Save edits