
Chapter 26

Dimensioning

AutoCAD 2D Tutorial

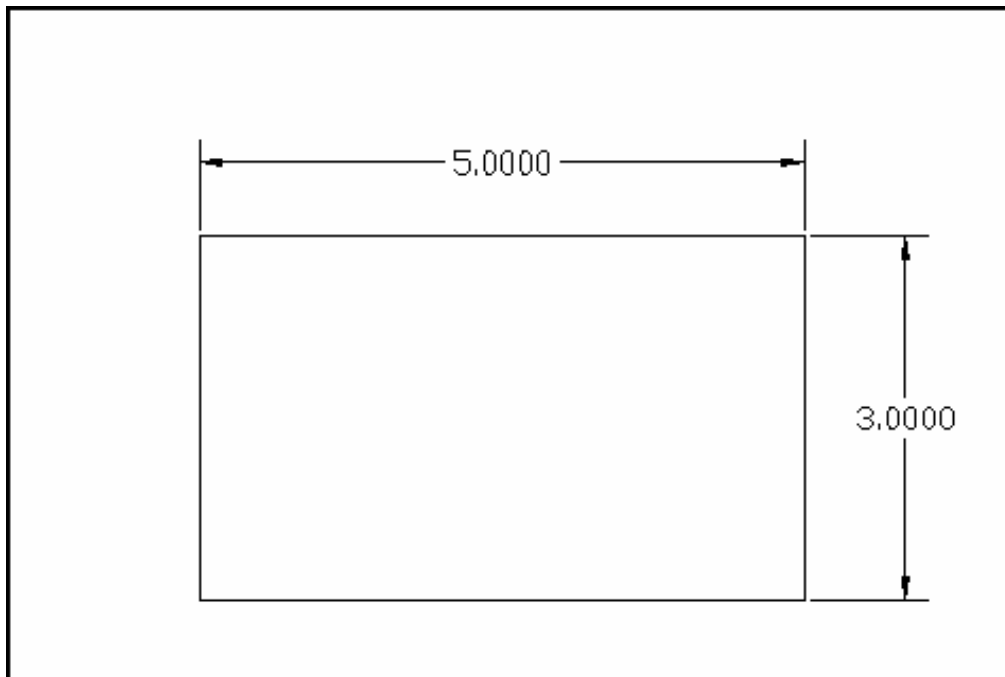
Linear Dimensions 26.1

1. **Choose** Dimension, Linear.
or
2. **Click** the Linear Dimension command from the toolbar.



or

3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: HOR or VER



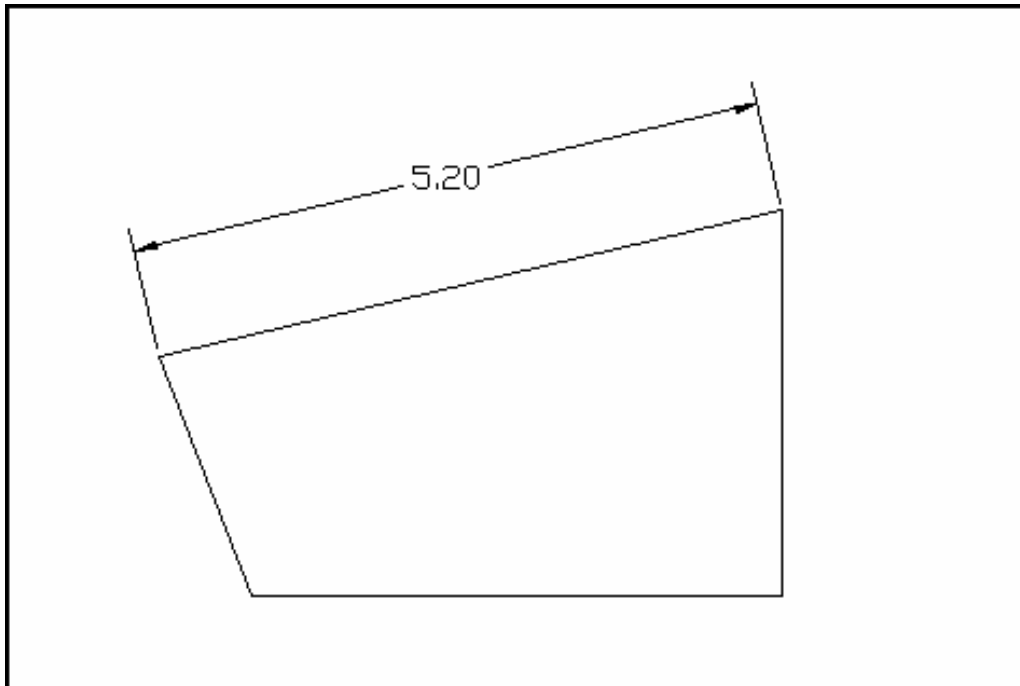
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Aligned Dimensions 26.2

1. **Choose** Dimension, Aligned.
2. **Click** the Aligned Dimension command from the toolbar.



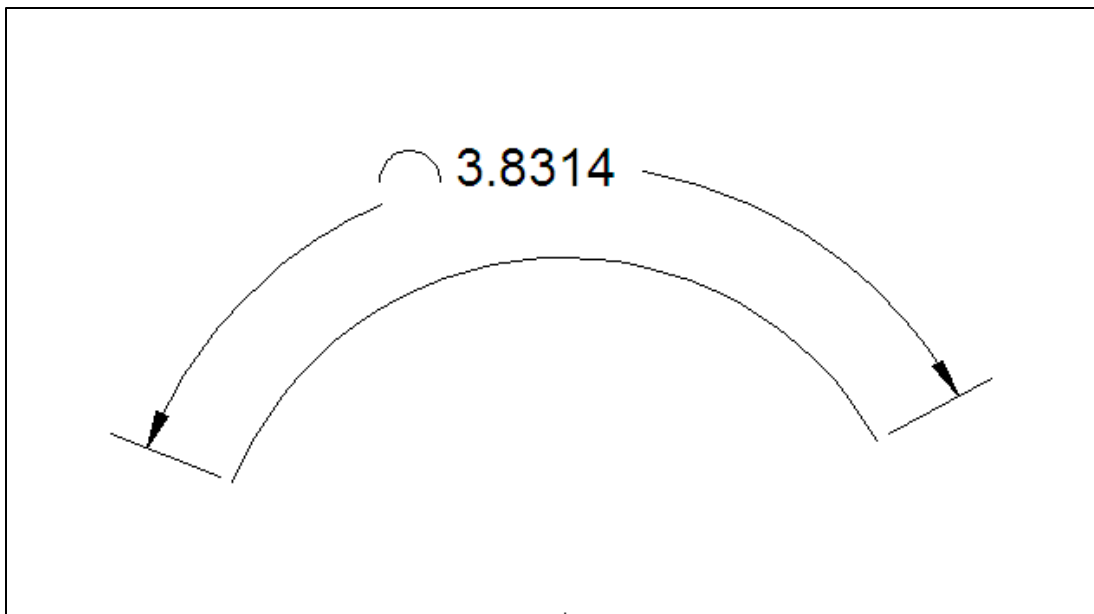
- or
3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: **ALIGNED**



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Arclength Dimensions 26.3

1. **Choose** Dimension, Arclength.
2. **Click** the ArcLength Dimension command from the toolbar.



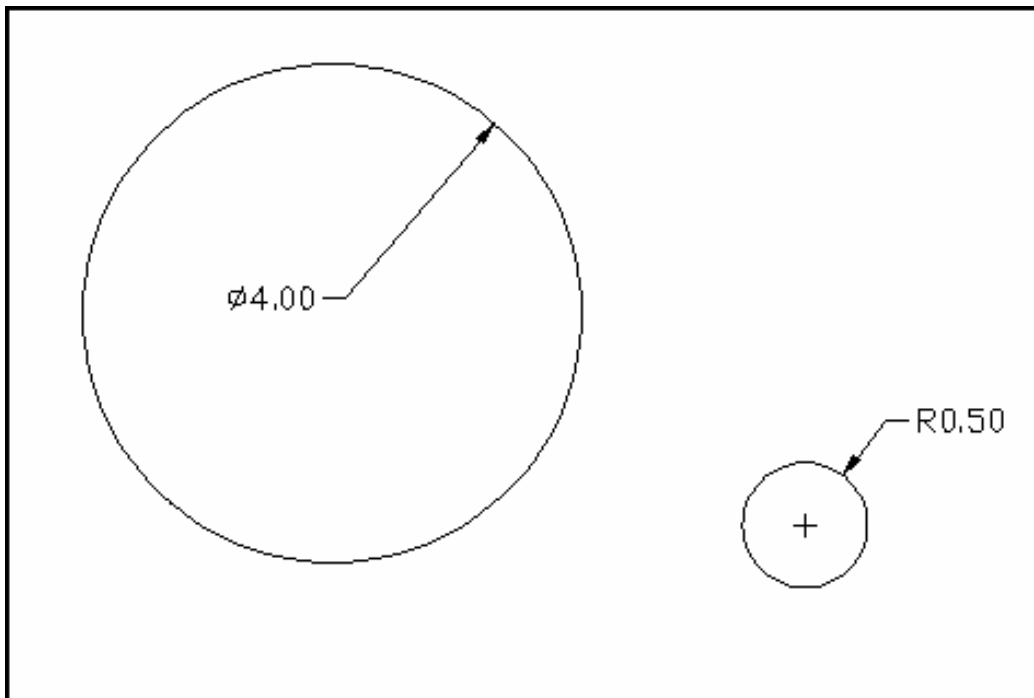
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Radial Dimensions 26.4

1. **Choose** Dimension, Radius or Diameter.
or
2. **Click** the Radial Dimensions command from the toolbar.



3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: **RADIUS or DIAMETER**



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Angular and Jogged Dimensions 26.5

1. **Choose** Dimension, Angular.

or

2. **Click** the Angular Dimensions command from the toolbar.

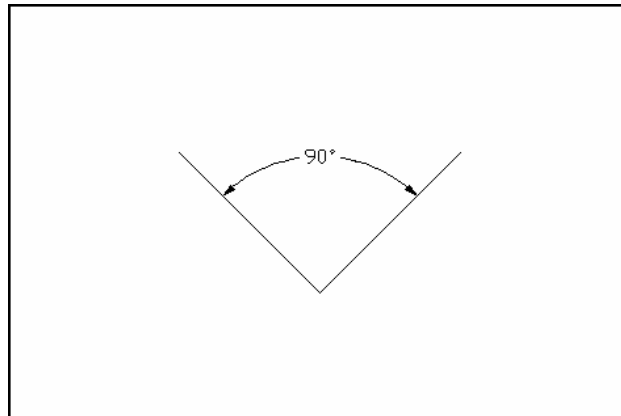


or

3. **Type** DIM at the command prompt.

Command: **DIM**

Dim: **ANGULAR**

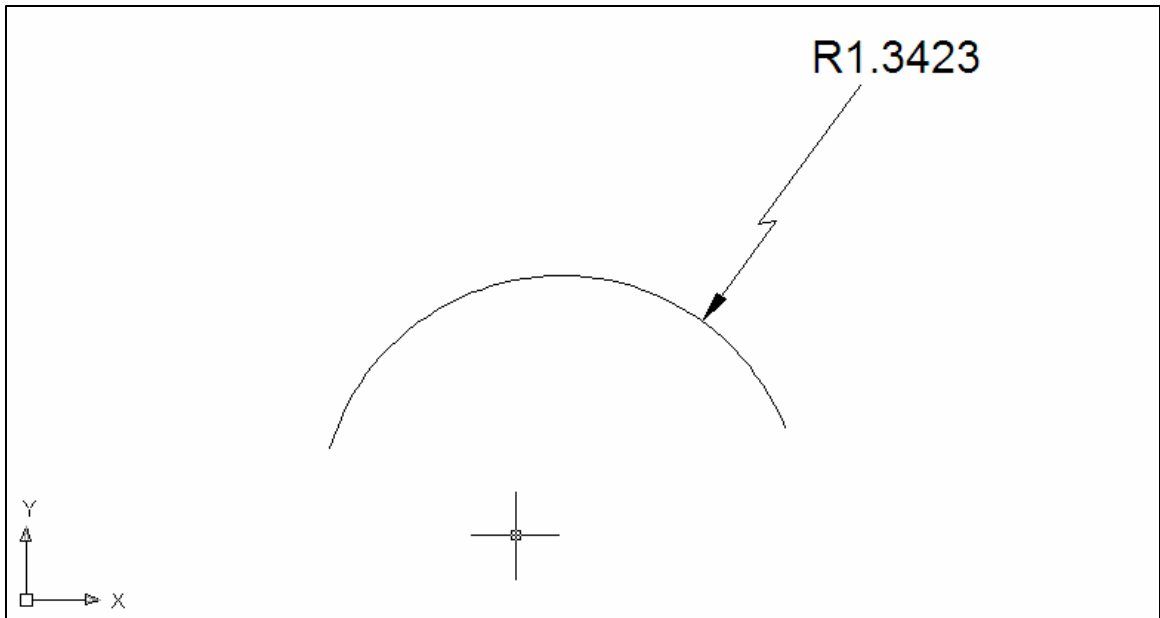


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1. **Choose** Dimension, Jogged.
- or
2. **Click** the Jogged Dimensions command from the toolbar.



- or
3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: **JOGGED**



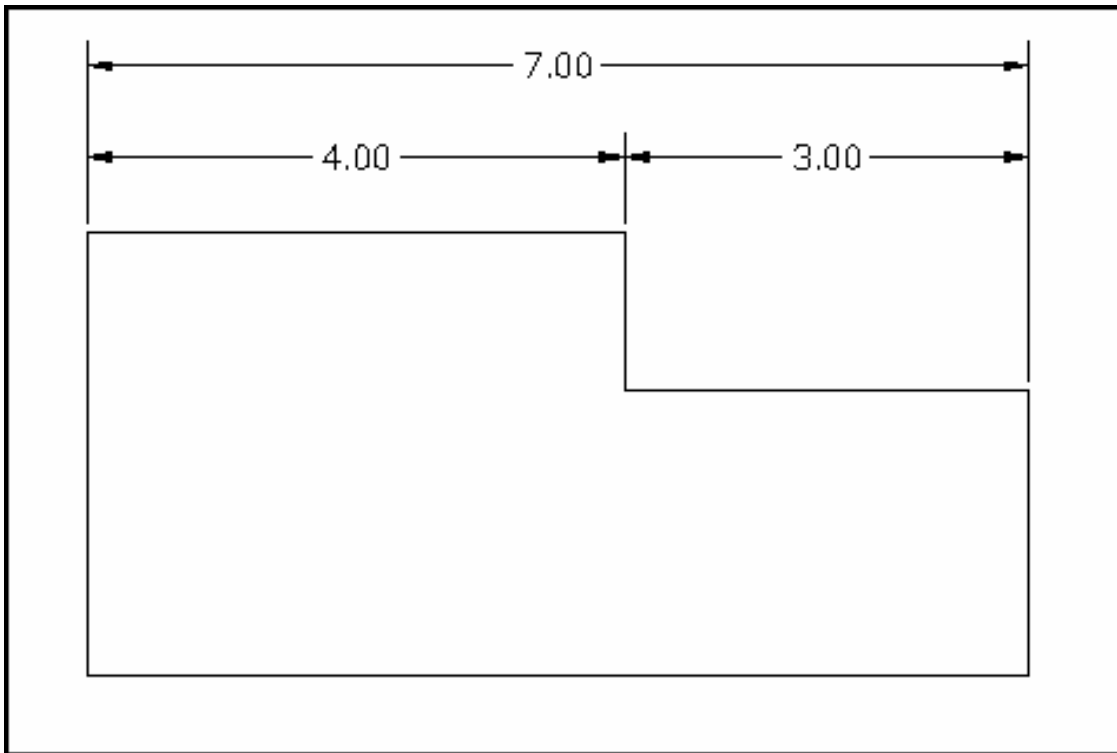
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Baseline Dimensions 26.6

1. **Choose** Dimension, Baseline.
2. **Click** the Baseline Dimensions command from the toolbar.

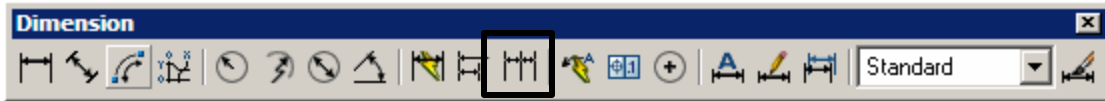


3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: **BASELINE**

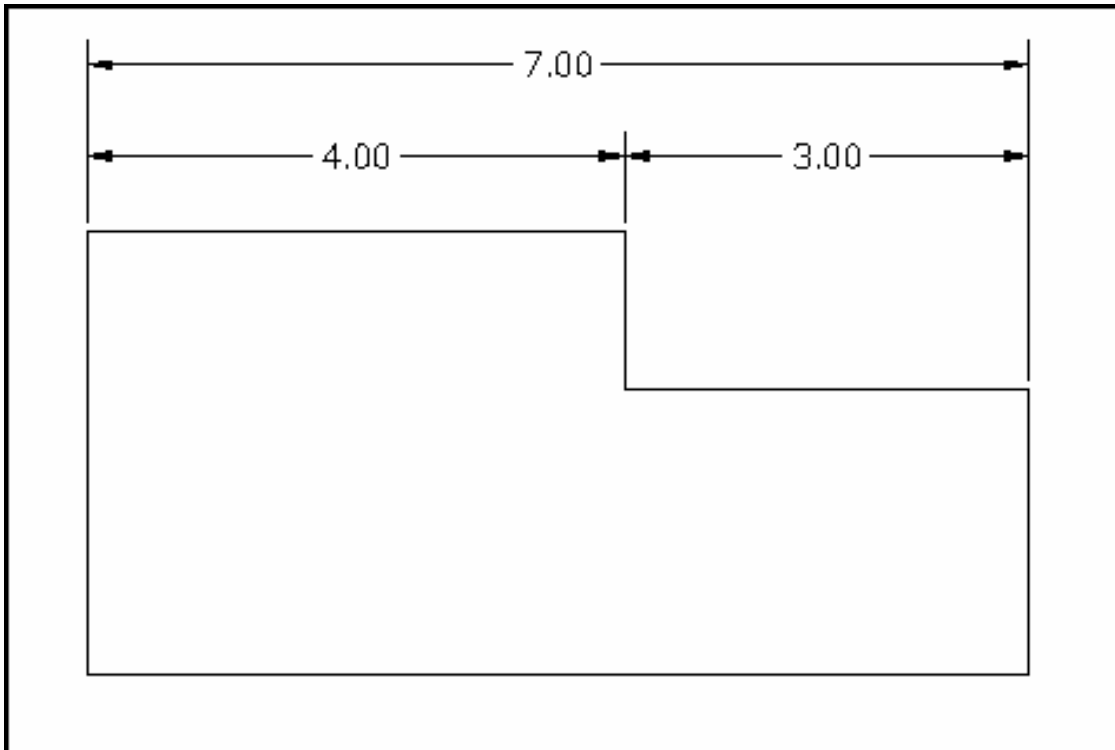


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Continued Dimensions 26.7



1. **Choose** Dimension, Continue
or
2. **Click** the Continue Dimensions command from the toolbar.
or
3. **Type** DIM at the command prompt.
Command: **DIM**
Dim: **CONTINUE**



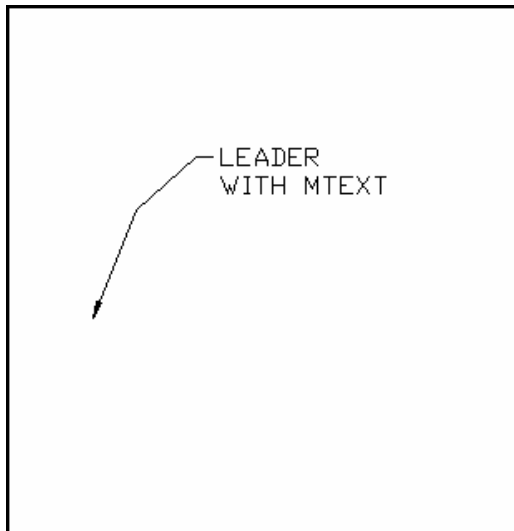
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Leaders 26.8

1. **Choose** Dimension, Leader...
or
2. **Click** the Leader icon from the Dimension toolbar.



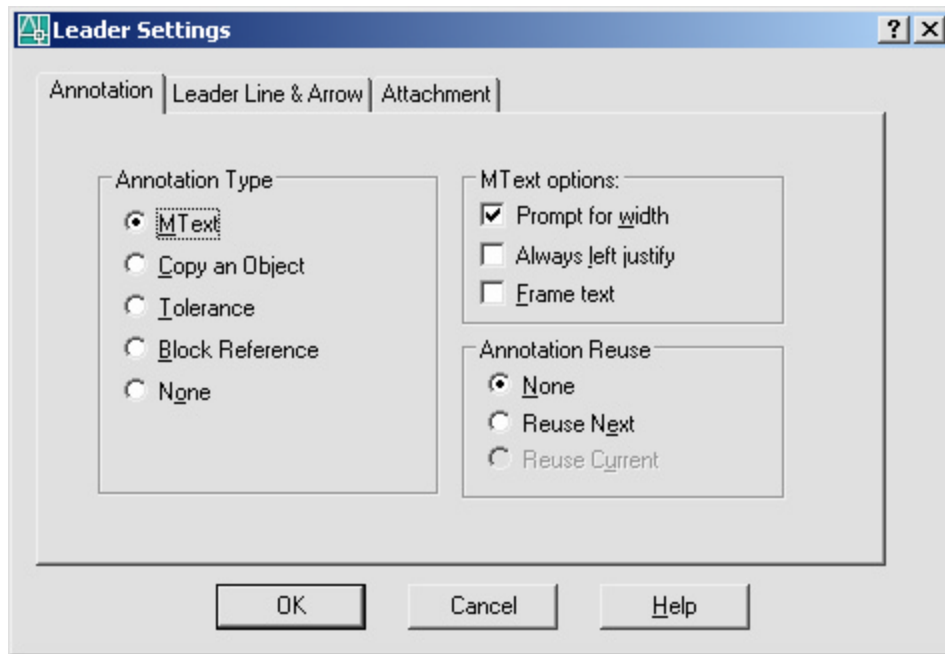
3. **Type** QLEADER at the command prompt.
Command: **QLEADER**



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Leader Settings

1. **Type** QLEADER at the command prompt.
Command: **QLEADER**
2. **Type** “S” at the QLEADER prompt to change the leader settings.
3. **Choose** a setting from the following dialog box.



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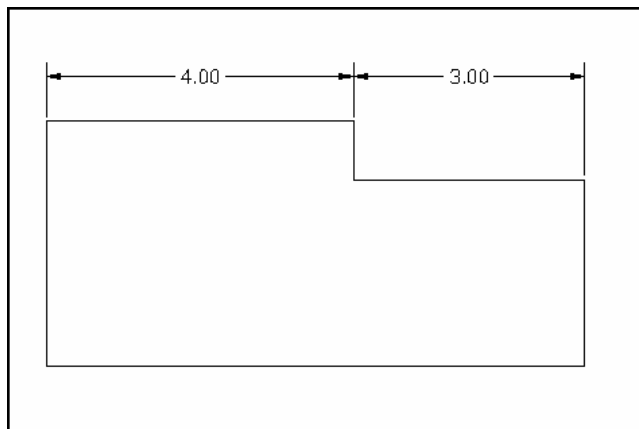
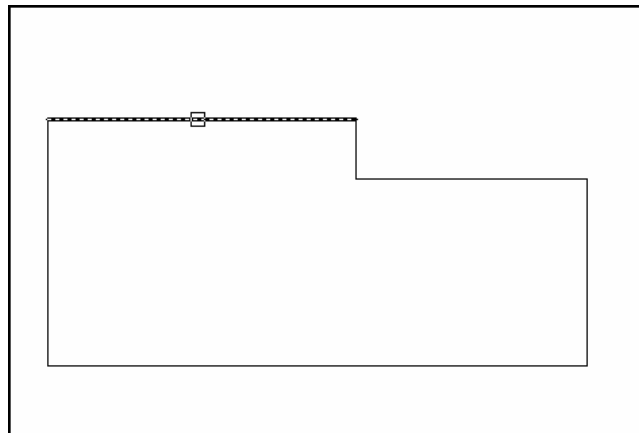
Quick Dimensions 26.9

Quickly creates dimension arrangements from the geometry you select.

1. **Choose** Dimension, QDIM.
or
2. **Click** the Quick Dimension icon from the Dimensions toolbar.



3. **Type** QDIM at the command prompt.
Command: **QDIM**
4. **Pick** the objects to dimension.



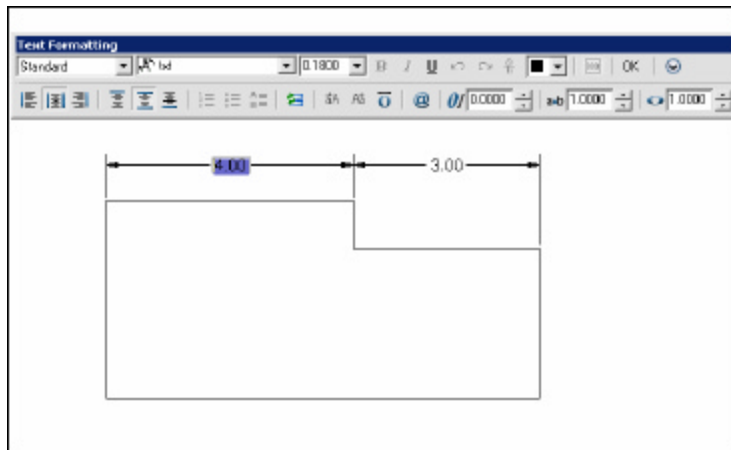
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Modifying Dimensions 26.10

DDEDIT

1. **Choose** Modify, Object, Text.
2. **Choose** the dimension text to modify.

TIP: The actual dimension is placed in brackets <>. Text can be placed in front of or behind these brackets. If text is placed between the brackets, the dimension loses its associative properties.



Stretching Dimensions

1. **Choose** Modify, Stretch.
2. **Choose** a crossing window around the area to stretch. Be sure to include the dimension endpoints.

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DIMTEDIT

Moves and rotates dimension text

1. **Choose** Dimension, Align Text. or
2. **Type** DIMTEDIT at the command prompt.

Command: **DIMTEDIT**

Select dimension: select object

Enter text location (Left / Right / Angle):

Dimension Edit Commands

HOMetext	Moves the Dimension text back to its home (default) position.
NEWtext	Modifies the text of the Dimensions.
Rotate	Rotates dimension text.
OBlique	Sets the obliquing angle of Dimension extension lines.
OVerride	Overrides a subset of the Dimension variable settings.
UPdate	Redraws the Dimensions as directed by the current settings of all dimensioning variables.

Ordinate Dimensions 26.11

1. **Choose** Dimension, Ordinate
or
2. **Type** DIMORDINATE at the command prompt.
Command: Dimordinate