Videos to Design a Chess Set:

-1- Plan of Study

2-Pawn, 3-Castle, 4-Knight, 5-Bishop, 6-Queen, 7-King, 8-Special

20 Dimensioning Rules

Using Stacked Jenga Blocks

-1- Pawn - Dimensions are unique. Avoid repeated measurements.

-2- Pawn - Dimensions are simple. Avoid needing calculations, scales or inferences.

-3- Castle - Dimension numbers are centered between arrowheads.

-4- Castle - Dimension numbers are between 1/10 to 1/8” high.

-5- Knight - Dimensions numbers are nested: 1st, part measurements; 2nd, overall measurements.

-6- Bishop - Dimensions measure object lines. Avoid measuring hidden lines.

-7- Queen - Dimension numbers are parallel or perpendicular to an object line.

-8- King – Dimensions are placed 1/2” from object line; overall or stacked placed1/4”.

-9- King – Extension lines begin approx. 1/16" to 1/32” from the object.

-10- King - Extension lines end approx. 1/8" past the last measurement.

-11- Special - Dimensions are exterior. Avoid extension lines, which cross object lines.

-12- Special - Dimension extension lines adjoin the part. Avoid crossing extension lines.

-13-Special - Dimensions are stacked one after the other with staggered numbers.

-14- Special - Extension lines measure one view. Avoid lines measuring two or more views.

-15- Special - Dimension the centerlines of circles, which can be used as an object part.

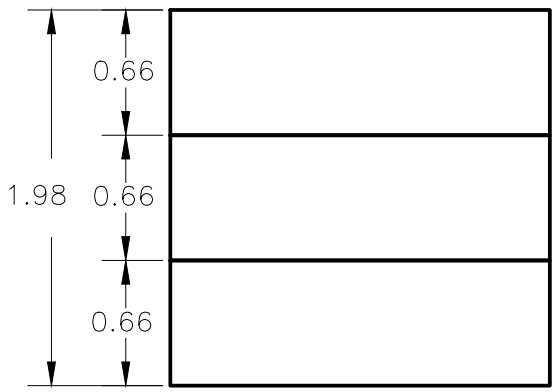
-16- Special - Dimension the centerline of symmetrical objects (squares, rectangles, etc.).

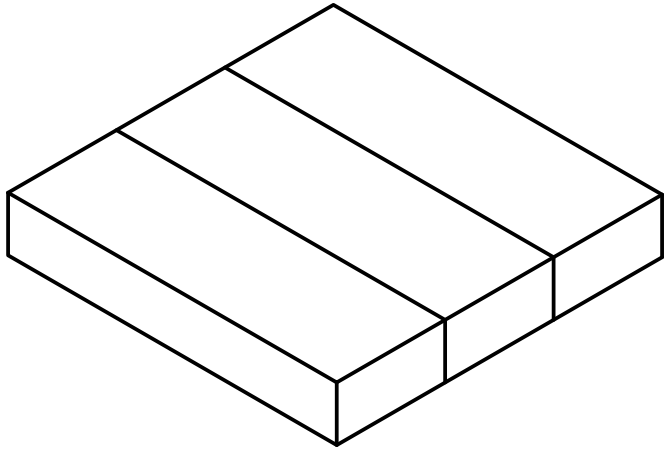
-17- Special - Dimension a circle by its diameter.

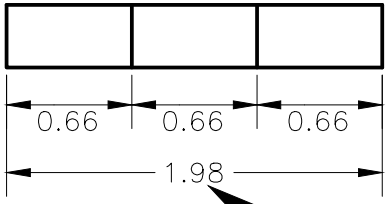
-18- Special - Dimension an arc by its radius.

-19- Special - Dimension rules are meant to be broken when simplicity and clarity occurs.

-20- Special - If all else fails, write numbered notes in a simple declarative sentences.







Dimensions are unique.
Avoid repeated measurements.

Dimensions are plain.
Avoid needing calculations,
scales or inferences.

PAWN, A PIECE, PART OF CHESS SET
DRAWN BY MIKE LEBLANC, INSTRUCTOR
CHECKED BY MIKE LEBLANC, INSTRUCTOR

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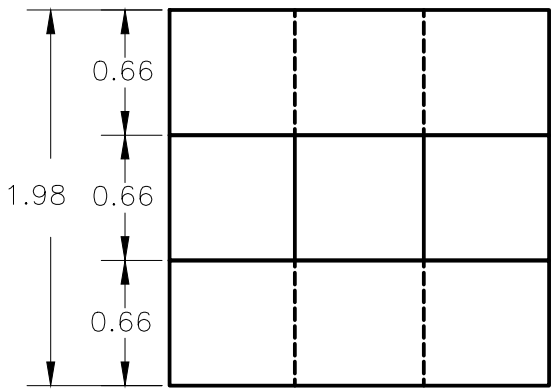

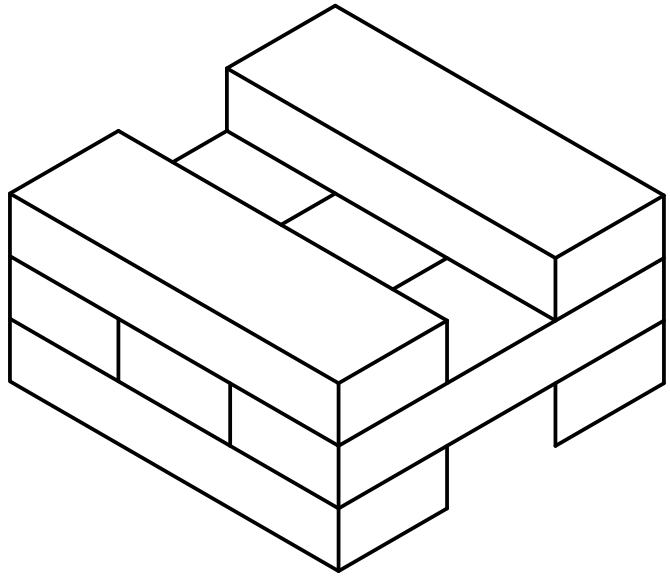

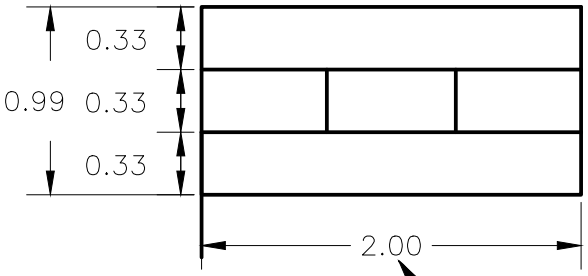

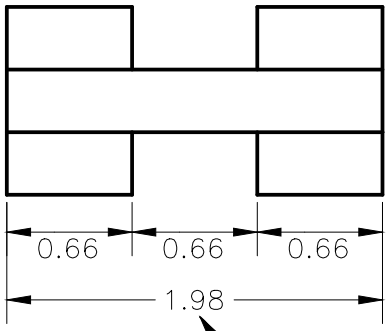

Dimension numbers are centered between arrowheads.

Dimension numbers are between 1/10" to 1/8" high.

CASTLE, A PIECE, PART OF CHESS SET
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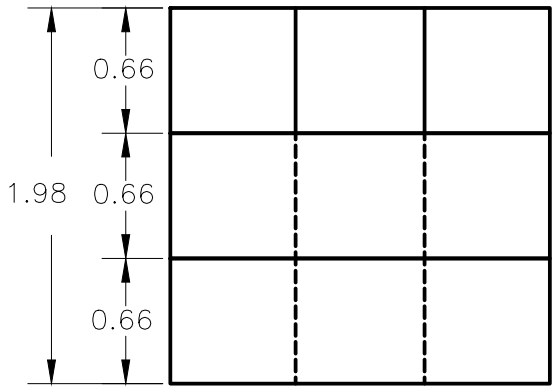
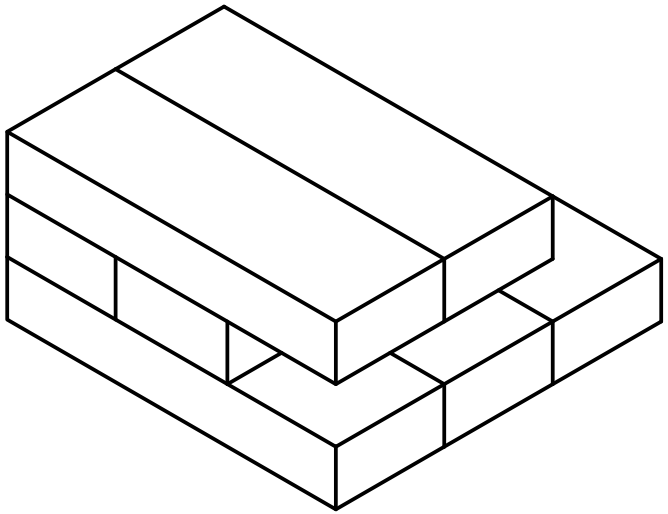
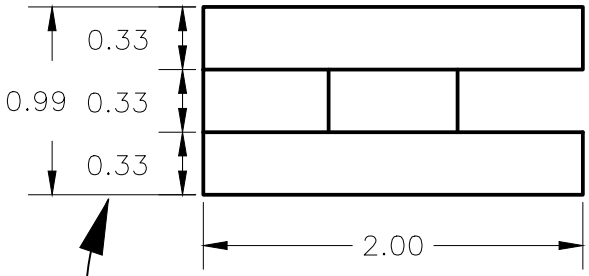
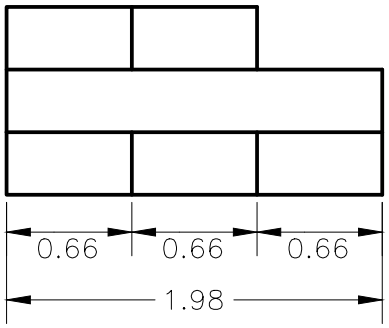
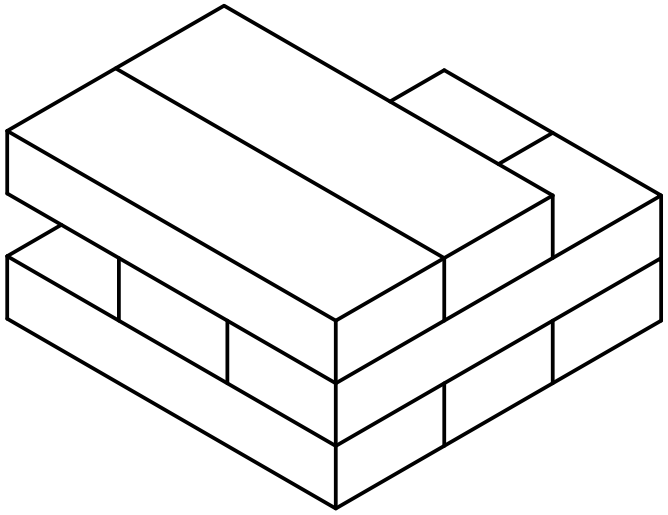








Dimensions numbers are nested: first, part measurements; next, overall measurements.



KNIGHT, A PIECE, PART OF CHESS SET
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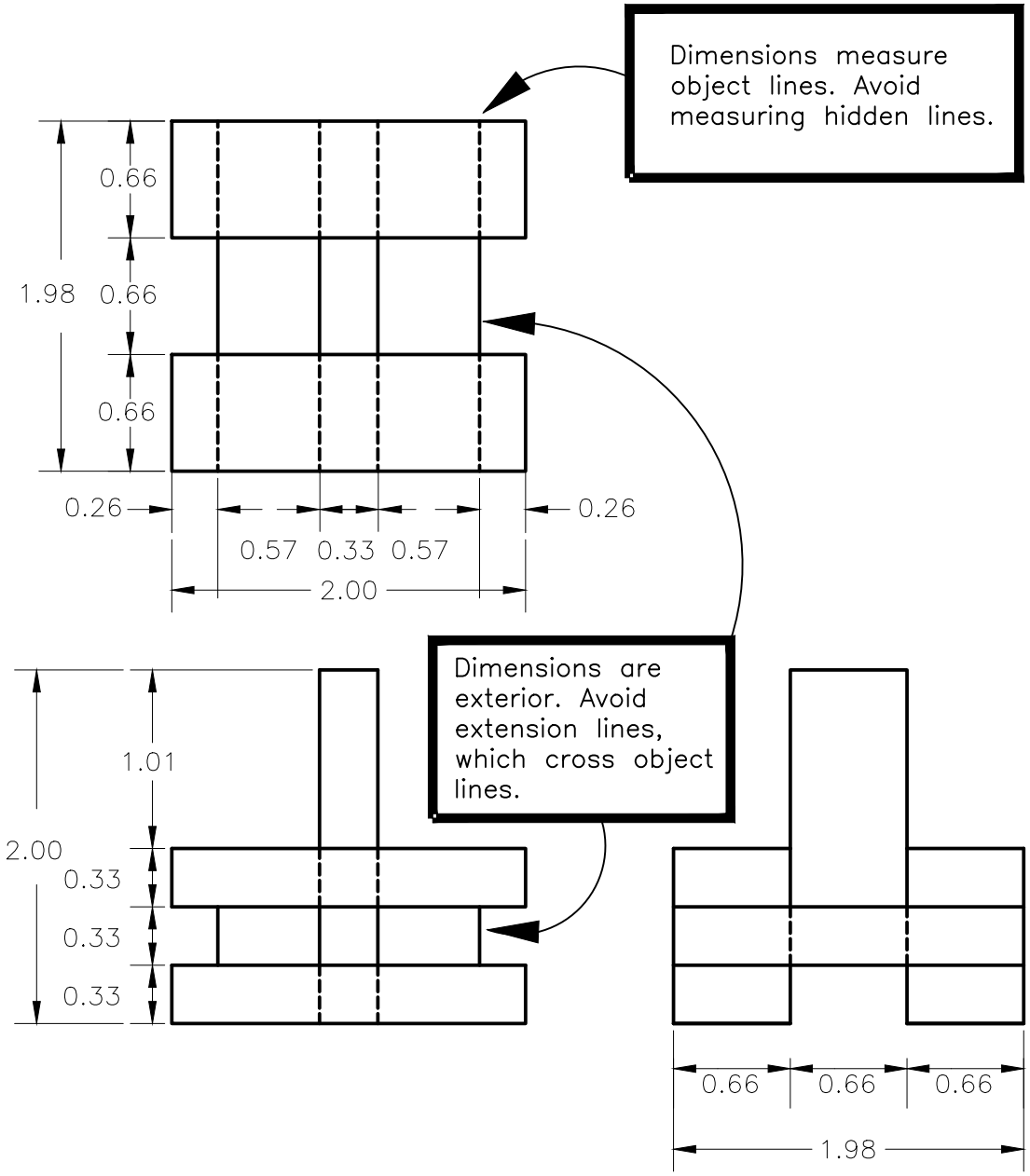

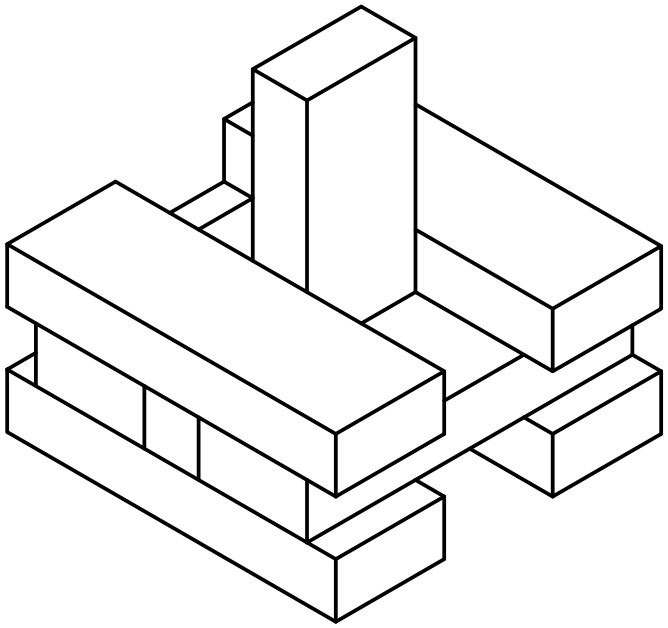

Dimension rules are meant to be broken when simplicity and clarity occurs.

BISHOP, A PIECE, PART OF CHESS SET
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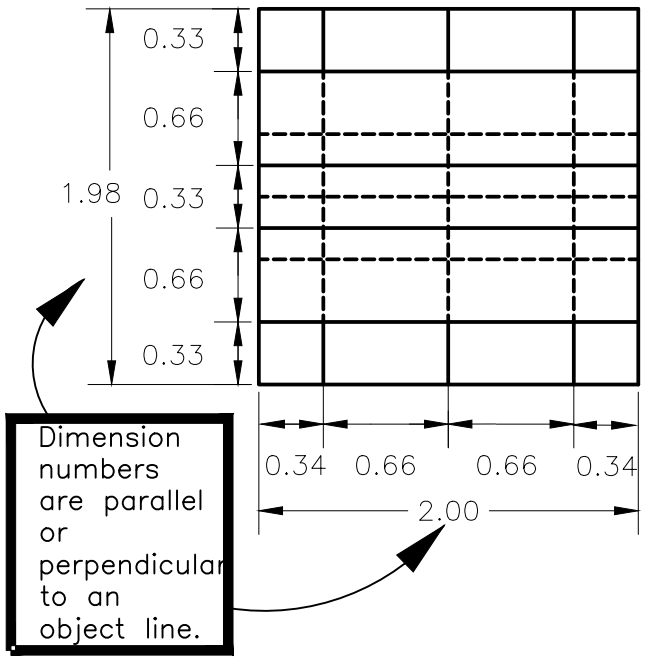

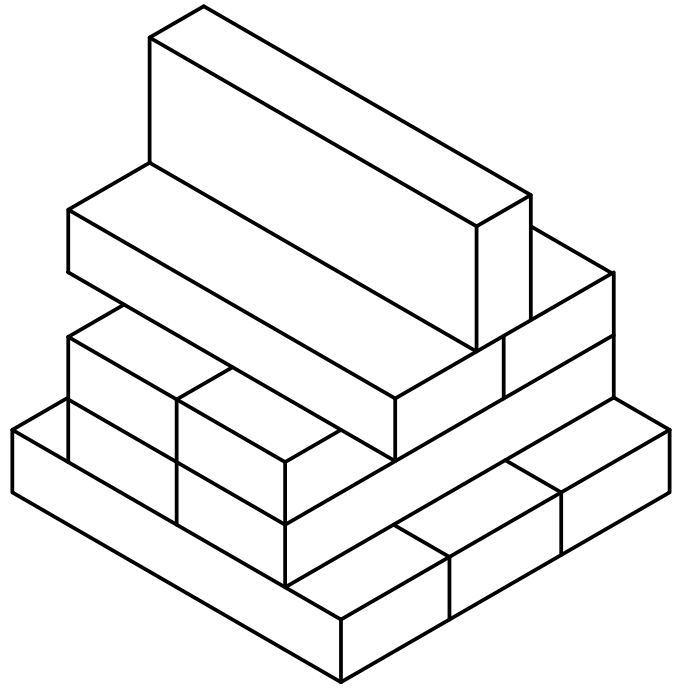

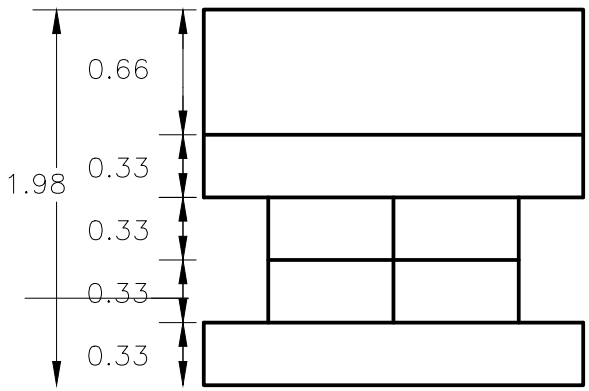

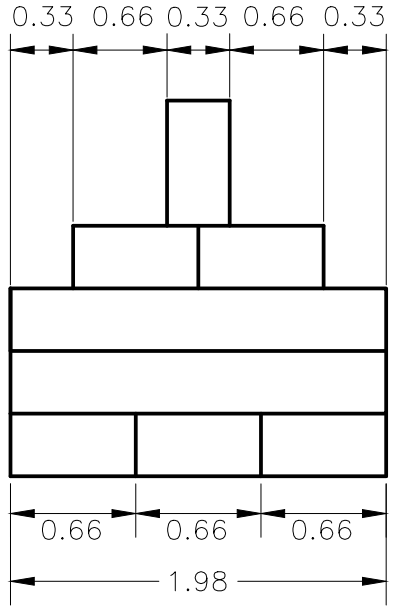

QUEEN, A PIECE, PART OF CHESS SET
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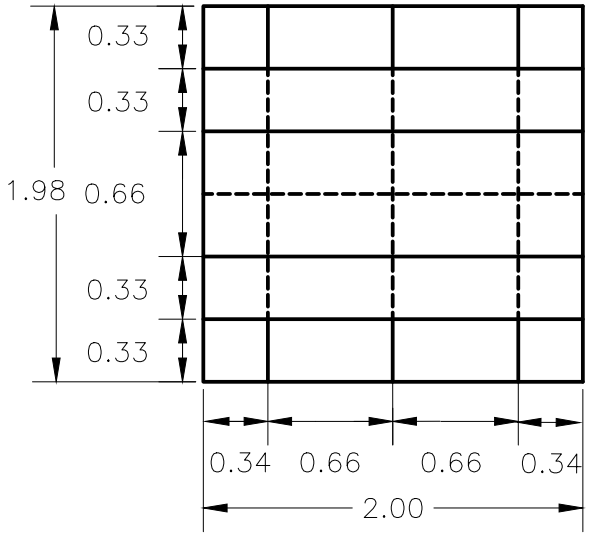

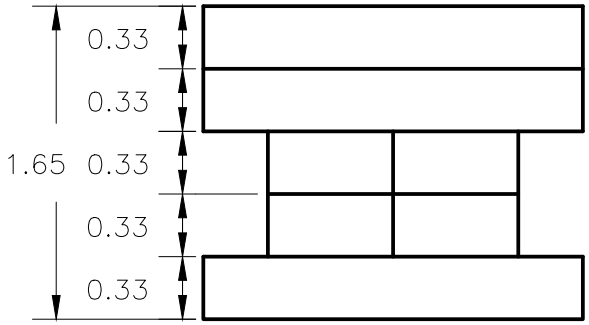

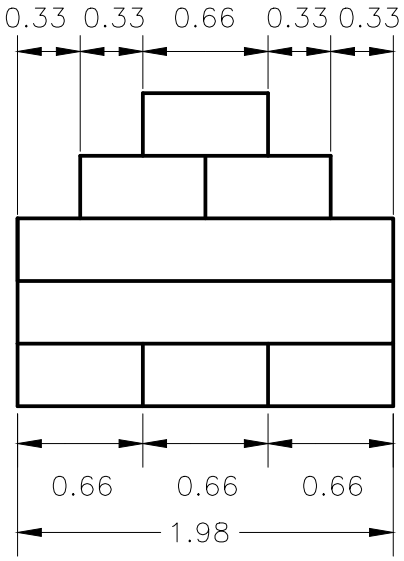

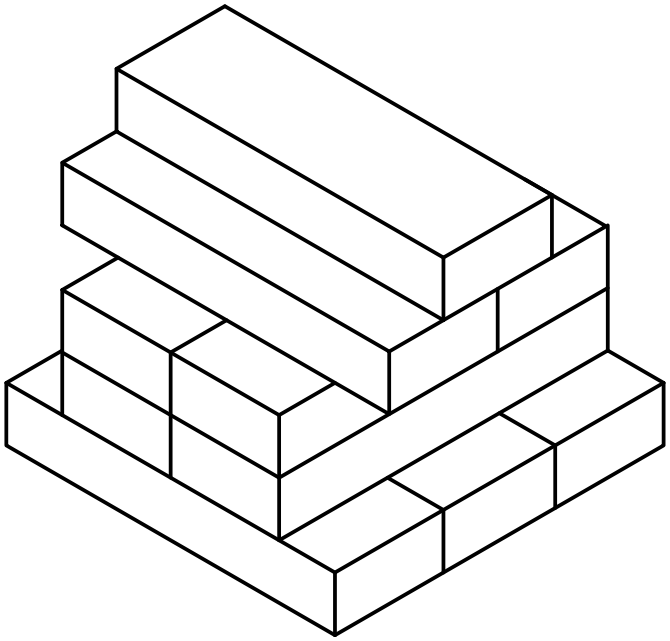

Dimensions are placed 1/2" from an object line; separate overall or stacked lines by 1/4".

Extension lines begin approx. 1/16" to 1/32" from the object.

Extension lines end approx. 1/8" past the last measurement.

KING, A PIECE, PART OF CHESS SET
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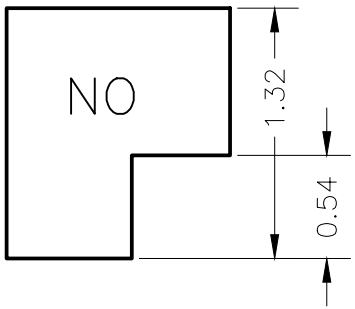
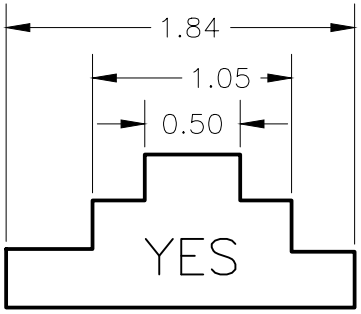
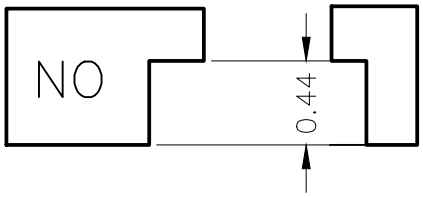


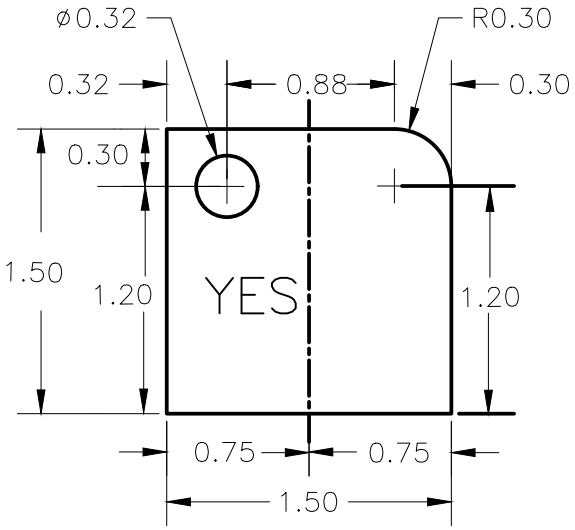
Dimension extension lines adjoin the part. Avoid crossing extension lines.



Dimensions are stacked one after the other with staggered numbers.



Extension lines measure one view. Avoid lines measuring two or more views.



Dimension the centerlines of circles, which can be used as an object part.

Dimension the centerline of symmetrical polygons with parallel equal asides (squares, etc.).

Dimension a circle by its diameter.

Dimension an arc by its radius.

NOTES
-1- THIS IS A SPECIAL NOTE.
-2- THE NOTE CALLS FOR A SIMPLE DECLARATIVE SENTENCE.

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