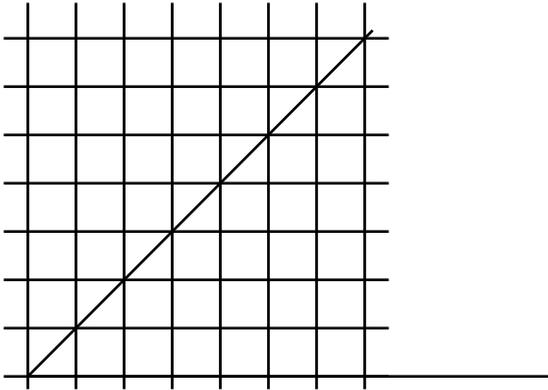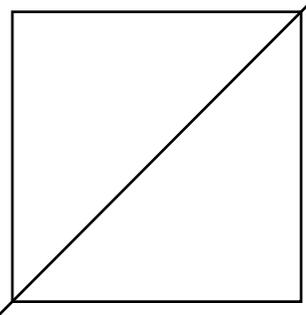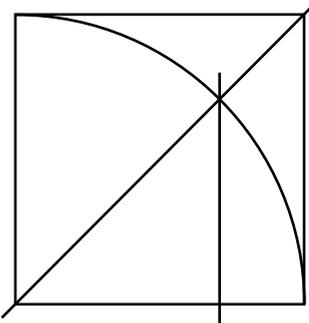# The beauty of 45 degrees in drawing circles

One of the importan characteristics
of a forty-five degree angle is
its ability to reflect equal size units
as shown in this diagram.
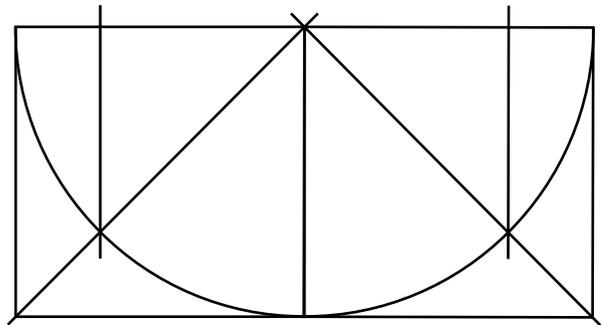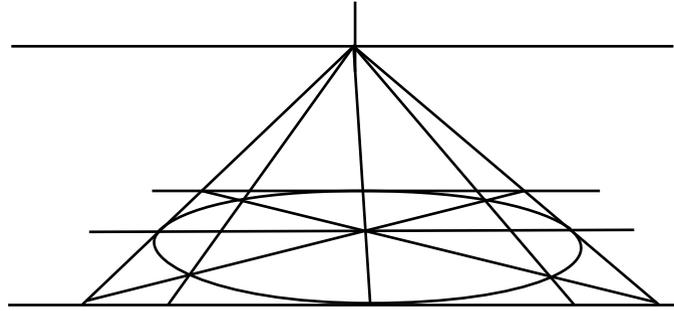

Since it is also the diagonal of a square,
it is aslo the key to dividing squares in half.

It can also play an important role
in drawing a circle in perspective.

Since one and two point perspective
involve some element that can be
"true dimension" you can use the
45 degree line to move measurements
as needed.

You can also make useful
divisions by using parallel
lines across an angle. In this
case dividing a line by five.