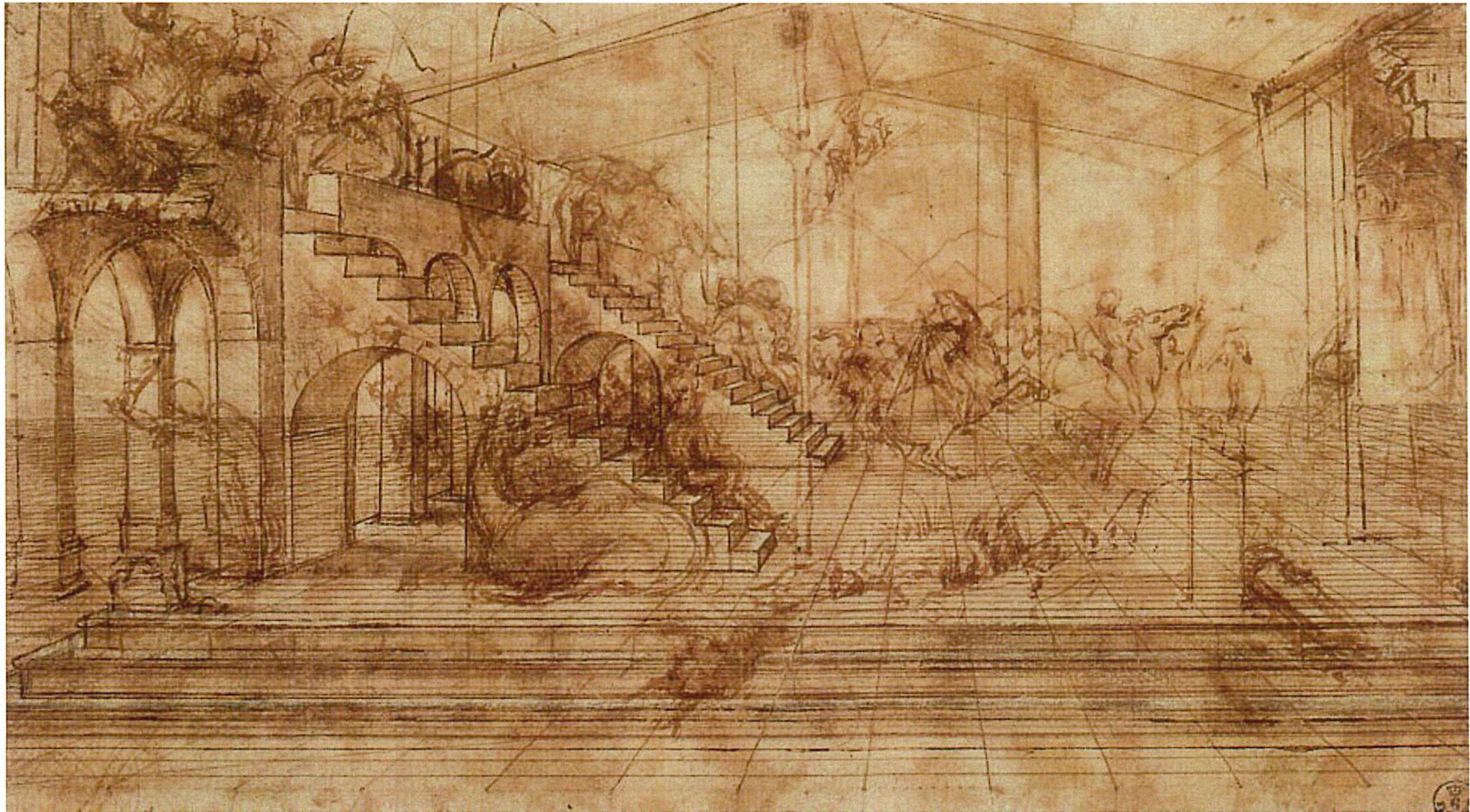


# Perspective Geometry



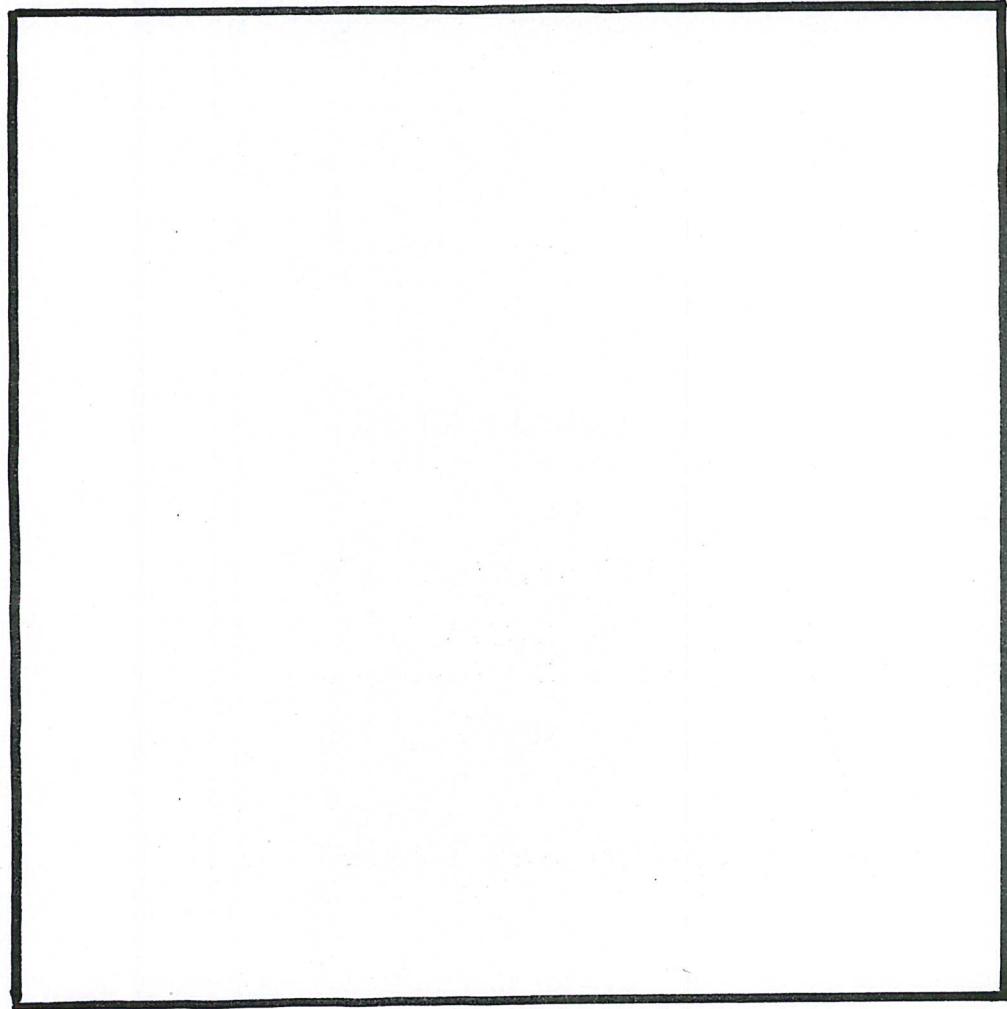
## Basic Rules Of Perspective

- The farther an object is from the drawing plane,
- Lines that are mutually parallel and parallel to the drawing plane are depicted
- Mutually parallel lines that are *not* parallel to the drawing plane are depicted as

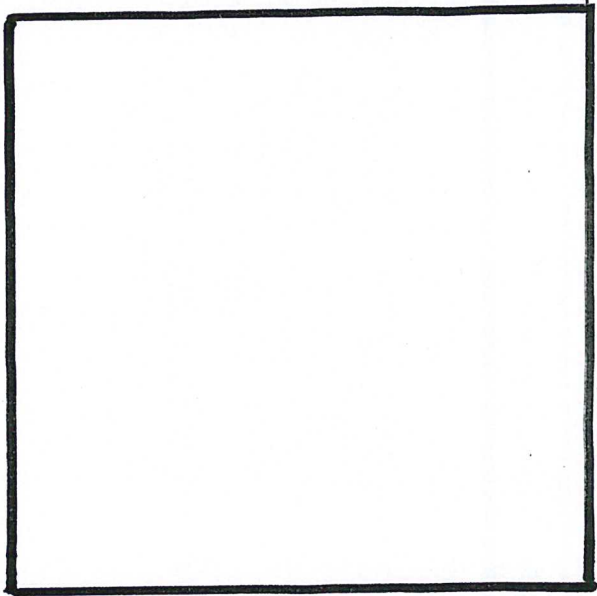
## More Rules Of Perspective

- If three or more classes of parallel lines are all parallel to a fixed plane that is not parallel to the drawing plane, and if these classes of parallel lines determine three or more vanishing points, then all of these vanishing points occur on a single line. Moreover, if all lines are horizontal, the line is called the

## Example: Box In One Point Perspective



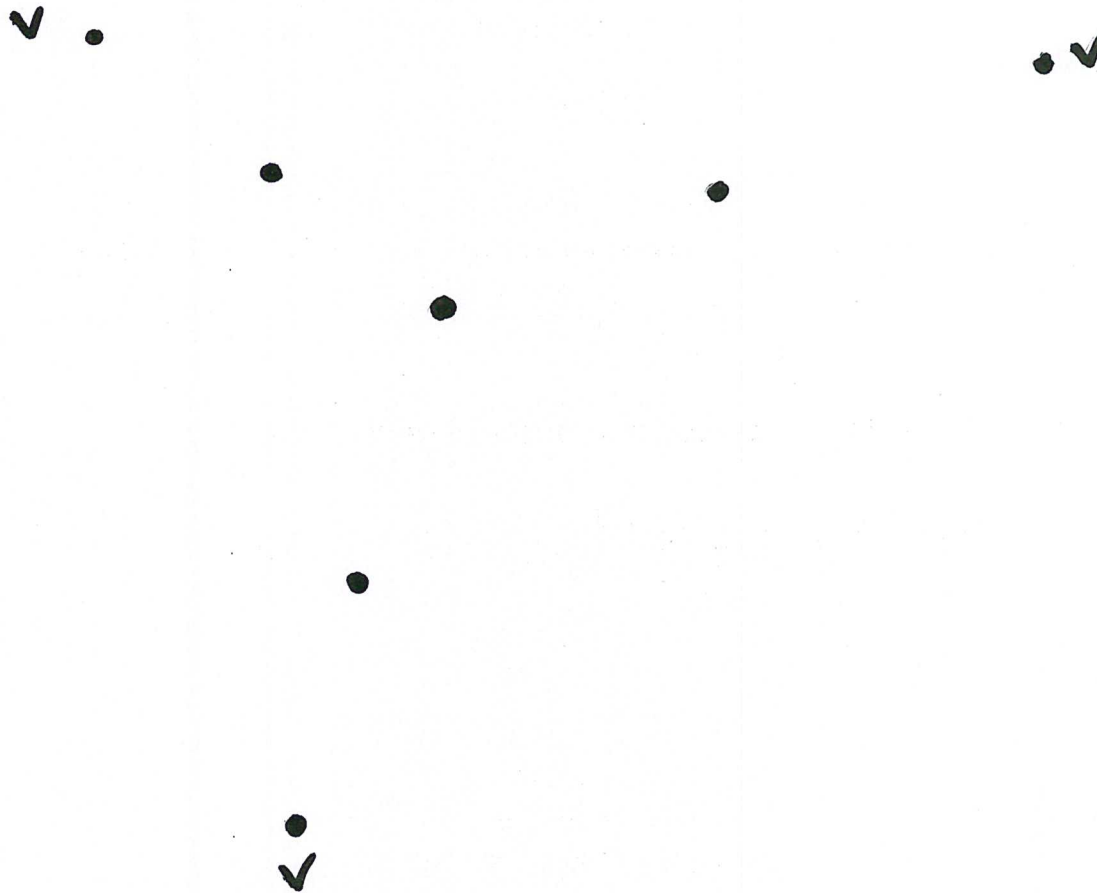
## Example: Box In One Point Perspective (Again!)



# Example: Box In Two Points Perspective



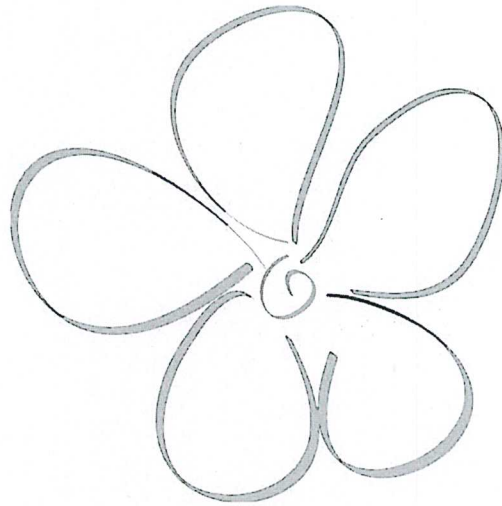
# Example: Box In Three Points Perspective



## Resource

[http://server.math.umanitoba.ca/~sasho/CurentCourses/1020/Files/Lectures\\_2017/Lecture\\_10.html](http://server.math.umanitoba.ca/~sasho/CurentCourses/1020/Files/Lectures_2017/Lecture_10.html)





QUESTIONS???