

On the next couple pages are a perspective grid with a primitive flower traced onto it, and a rectangular grid for you to transfer it to.

1. Just to review some other perspective ideas, find where you should place your eye so that this grid looks like a rectangular grid. (Assume that the lines representing horizontal lines receding into the distance are orthogonal to the picture plane.

*Hint: Either rotate the picture 90 degrees, or draw a “verizon” line rather than a horizon line.*

2. By noting where the tracing crosses the grid, mark the corresponding points on the rectangular grid on the next page, and connect them appropriately to obtain an anamorphic drawing.

Concepts to take into account:

- (a) Points on the perspective grid where the horizontal and vertical lines of the grid intersect correspond exactly to points on the straight-on grid where the horizontal and vertical lines intersect, and so places where the flower crosses such an intersection point are the most reliable transfer points.
- (b) Proportion is preserved on the lines that are still parallel on the perspective grid (in this case, on the vertical lines). So, for instance, halfway up a square on the perspective grid will correspond to halfway up the corresponding square on the straight-on grid. Thus places where the drawing crosses one of these lines are the second-most reliable transfer points.
- (c) Proportion is *not* preserved on the lines that are *not* parallel on the perspective grid (in this case, on the lines that represent horizontal lines). So, for instance, halfway back along a square on the perspective grid will correspond to less than halfway back on the straight-on grid). Places where the drawing crosses one of *these* lines are not very reliable transfer points at all.

(Once you have the picture transferred, if you want to then color it in, go right ahead.)

3. Roughly where should the viewer place their eye (to the left, right, top, or bottom of your drawing?), and at what angle should they look at this picture?
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