Compute the projected coordinates of the given points for a perspective projection. The image plane is located at $z = -2$.

In which direction should we move the image plane in order to obtain a larger image?

Further away from the center of projection.
Impossible Photography?

How could we take a photograph like the one on the left?

Stand very far away, and use a small field of view, e.g., as with a telephoto lens. In reality, the moon is much larger than the person!

The edges of the building on the left are parallel, despite the viewer standing on the ground while taking the photograph. How is this possible?

This can be done with a camera with a “tilt-shift” lens. The lens plane and image plane can remain vertical.