

Lesson 3 — Seeing in perspective

Lesson slides are in a different file. Use your internet browser's PDF draw tool to mark up this PDF file.

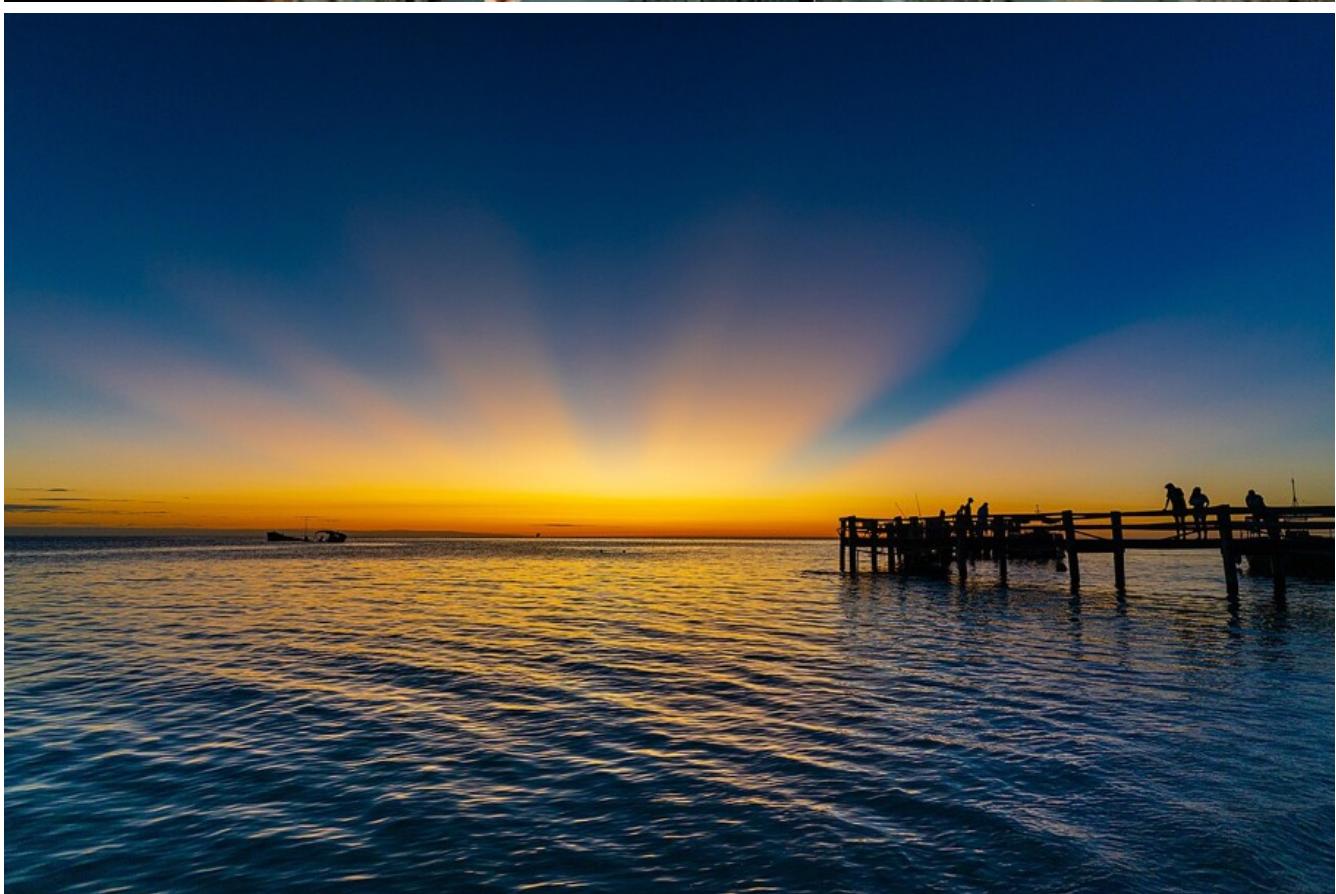
Problem 1

Look out the class window and see the four terraced seats. Are they parallel? Locate the horizon of the ground plane.



Problem 2

Find the location of the sun in the following photographs.





Problem 3

Consider the photo outside Business Building Room 223, reproduced below.

(a) Locate the horizon of the ground plane (the parking lot).

(b) Do you think the photo is cropped?



Problem 4: Ocean view 1

Consider the following image posted to /r/mildlyinfuriating on Reddit.

What floor is the OP (original poster) staying on? Do you think that OP's image is cropped? Justify both answers.

Here we use the American convention that the ground floor is called the first floor. Your answer should be correct up to at most ± 1 floor.



Source:

https://www.reddit.com/r/mildlyinfuriating/comments/cqg2tj/just_arrived_at_my_ocean_view_hotel_room/

Problem 5: Ocean view 2

In the Reddit post below, how many floors was The Neuss's hotel room above LucidOnMC's hotel room. What assumptions did you make to reach this conclusion?

•  r/mildlyinfuriating • 5 mo. ago
LucidOnMC

...

The "Ocean View" Hotel Room I booked



More like "95% city and 5% ocean view".

Waikiki O'ahu.

 82K   3K  Share

⊕ rickles1113 • 5mo ago

 The_Nuess • 5mo ago



This was my stay in January. I was honestly happy with it. The hotel staff was amazing, close to everything, only like a minute or 2 walk to the beach, and the price is hard to beat

 10K   Reply  1  Share ...

Source: https://www.reddit.com/r/mildlyinfuriating/comments/1k2d11u/the_ocean_view_hotel_room_i_booked/

Problem 6

Consider the two photos outside Business Building Room 223, reproduced below.

(a) Locate the horizon of the ground plane.

(b) Assume each photo is uncropped. Is the camera tilted up, down, or level with the ground when each photo is taken? Is the camera situated at a height above the girl?

