

to become shorter as they recede from you. Notice people on the street, how they gradually become smaller as they become further removed from you. This is because the ground gradually slants up to the horizon, which is the line that limits your vision, where earth or sea and sky meet. Now this line invariably occurs just opposite and at the exact height of your eye, Fig. 5. A represents the observer, the dark masses figures occurring in front of him. Now the height of a human figure varies, and we observe that some of the heads are slightly higher than he who is looking at them. But while the top row is uneven, the feet all occupy a plain that gradually approaches the limit of vision on the horizon line.



In fig. 6 the observer is seated, and the top of the figures are higher than his head, being standing, so you notice the line formed by the top of the heads also incline down to the horizon. Now what we wish to demonstrate to you is this, that all lines in nature gradually converge to one or more spots known as vanishing points, and that these points invariably occur on the horizon line. As your station point, or the place where you stand becomes higher, say by ascending a hill or going up on a building, your



horizon line ascends with you. Fig. 7, and you look down upon smaller buildings and upon the people in the street beneath you. In other words you get a bird's eye view of things, but every line runs to one spot on the horizon, which in this instance is higher than the roof of the tallest building in your sketch, so we know that the building upon which you are standing to observe the scene is higher than any that you show in your drawing. *The horizon line is level with your eye.* In figs. 8, 9 and 10, we have another illustration of this. Let us imagine ourselves on the sea-shore, our eye on a level with that of the first figure with the net on his shoulder. The line that limits our view of the ocean, answers to our line of the horizon. It is on a level with our own eye as well as his, and