

Magnification
increase in the size of an object



28 mm lens (lowest magnification)



50 mm lens (low magnification)



100 mm lens (high magnification)



100 mm lens close up (highest magnification)

These series of four pictures demonstrate an increase in magnification on the red-orange puffer fish. The object of our interest is barely visible in the upper left and upper right photographs; however, it becomes increasingly easier to see in the bottom two photographs, where the magnification is increased. The top two photographs were shot from the same location with a 28 mm and 50 mm lens, respectively. The bottom two were photographed with the same 100 mm lens; however, the picture on the left was shot in the same location as the top two pictures while the camera was moved forward for the picture on the bottom right.