

## Resolution

ability to distinguish two items as two separate objects and not as one object



36-48 inches (poorer resolution)



6-12 inches (finer resolution)

The photograph on the left was taken with a 100 mm lens from three to four feet away. The picture on the right was photographed with a 100 mm macro at a distance of six to twelve inches. As the magnification increased, the resolution also became better. One of the objects in both pictures is actually three connected Lego® pieces. It is impossible to determine in the left side picture (poor resolution) but feasible in the right side picture (fine resolution).