

Homework 2 (due Jan 19)

Bi177-2017

name _____

Most modern microscopes are “infinity corrected” while older microscopes had a fixed tube length of 160 or 170 mm. Even when microscopes transitioned to infinity optics, they sometimes maintained the same lens thread size, RMS (Royal Microscopy Society). Why is it not a good idea to use finite lenses on an infinity microscope or another companies lens on a different companies microscope?

Hint - The answer is the same for both. Think of what you learned from homework 1.