Follow Up

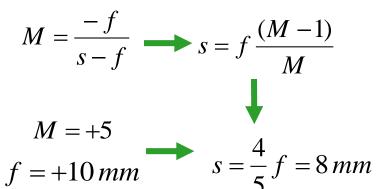
f = 10mm

Suppose we replace the converging lens with a diverging lens with focal length of 10mm.

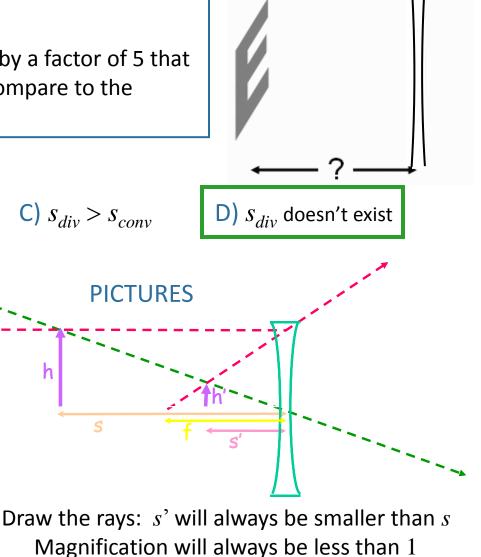
If we still want to get an image magnified by a factor of 5 that is not inverted, how does the object s_{div} compare to the original object distance s_{conv} ?

A) $s_{div} < s_{conv}$ B) $s_{div} = s_{conv}$

EQUATIONS



s negative \Rightarrow not real object



Electricity & Magnetism Lecture 26, Slide 28