

mesures algébriques :
distance + signe

$\overline{AA'} = AA' > 0$
 $\overline{A'A} = -AA' < 0$

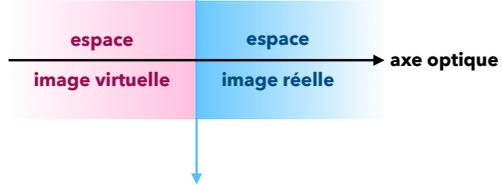
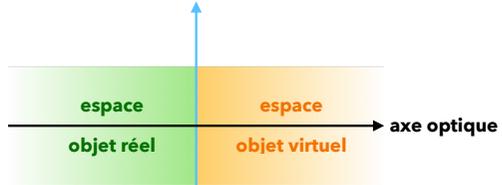
$\overline{AB} = AB > 0$ $\overline{A'B'} = -A'B' < 0$

distance focale

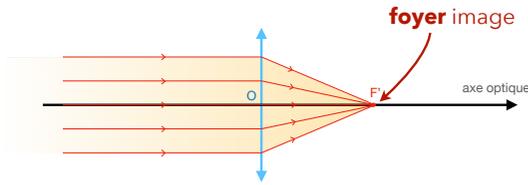
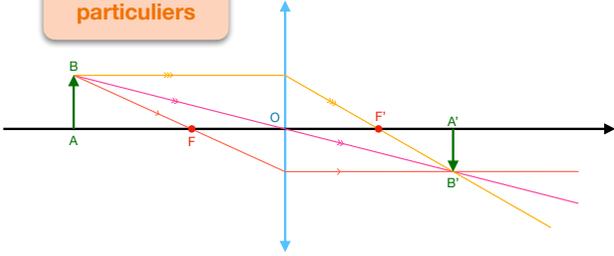
$f' = \overline{OF'}$
pour une lentille CV,
 $f' > 0$

grandissement

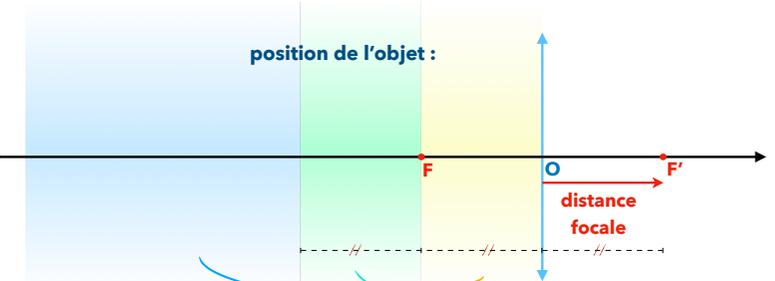
$\gamma = \frac{\overline{A'B'}}{\overline{AB}}$



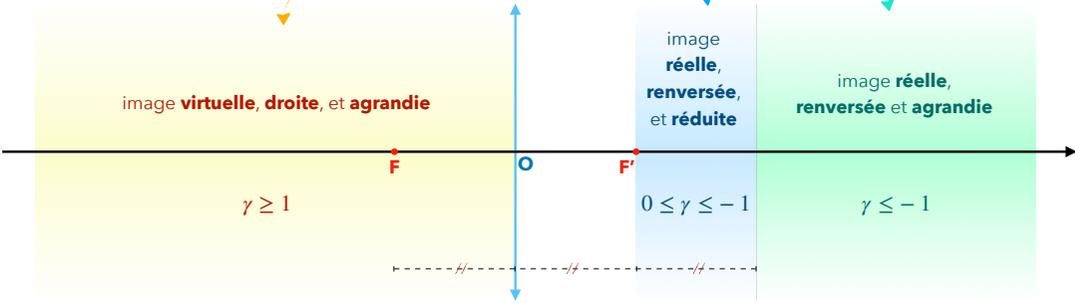
Les 3 rayons particuliers



Permet d'estimer f' avec une source lumineuse lointaine.



nature et position de l'image :



$\overline{OA} = -\infty$	$\overline{OA'} = \overline{OF'} = f'$
$\overline{OA} = \overline{OF} = -f'$	$\overline{OA'} = \infty$

$ \gamma > 1$	image agrandie
$ \gamma < 1$	image réduite
$\gamma > 0$	image droite
$\gamma < 0$	image renversée