	PHYSICS WORKSHEET - SPHERICAL LENS CONSTRUCTIONS
(	Carefully construct a ray diagram for each of these problems, showing the object, the image and all of the missing values or measurements.
1.	An object 4 cm high is placed 20 cm in front of a converging (convex) lens with a 12 cm focal length. A 1:4 scale is suggested.
	$d_{i}$ = cm, $h_{i}$ = cm, $m$ =

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a <sub>i</sub> =	cm, h <sub>i</sub> =	cm, m =
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2.	An	object	is	5	cm	in	front	of	а	convex	lens	of	focal	length	=	7.5	cm.	$h_{\circ}$	=	11	cm.	Pick
	ас	convenie	ent	SC	cale																	

$d_i = cm, h_i = cm, m =$
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