

Name : Tazmeen Afroz

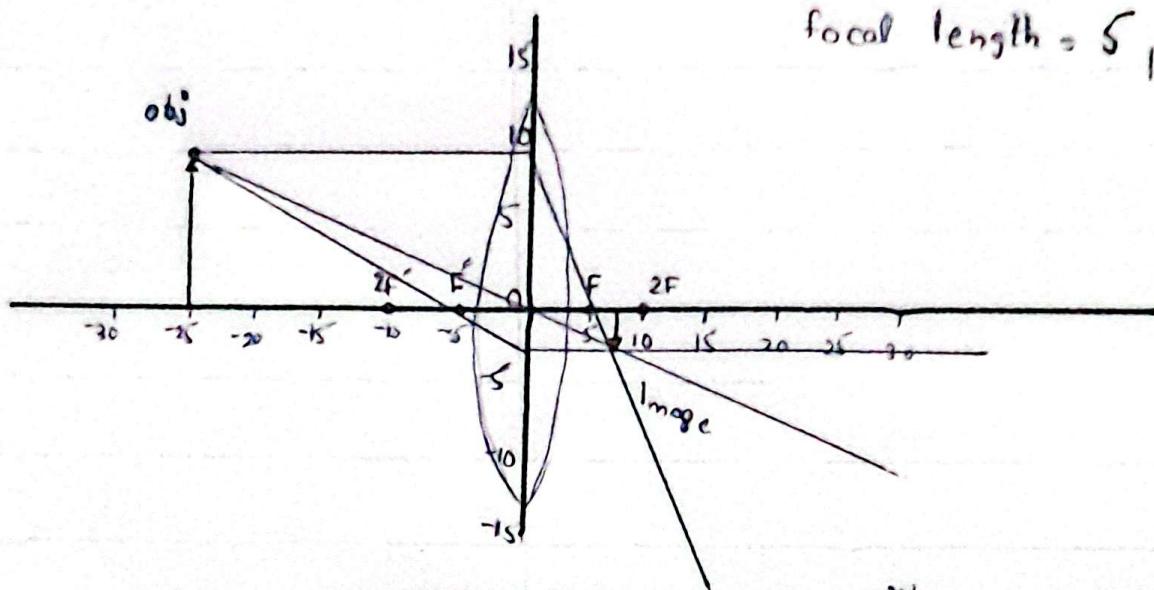
Roll No. 22P-925-2

Class & Section: 8AI-7A

Computer - Vision

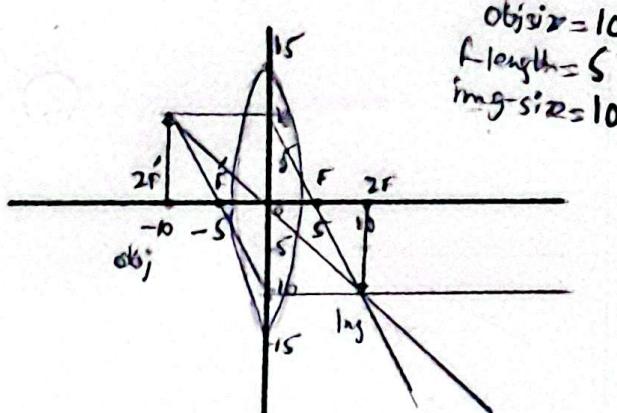
### Assignment 3

(1)



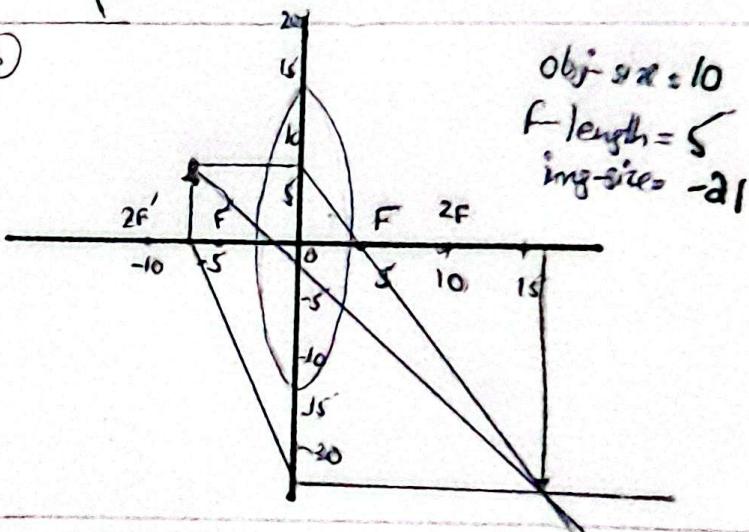
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$$\text{focal length} = 5$$
$$\text{img-size} = -2.4$$

(2)



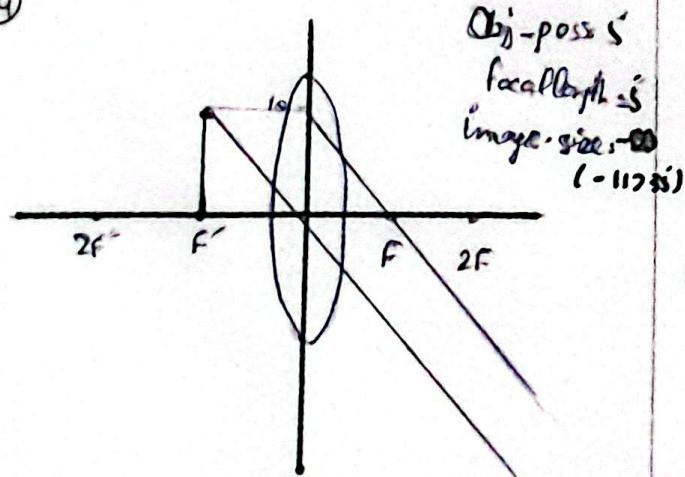
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$$\text{f-length} = 5$$
$$\text{img-size} = 10$$

(3)

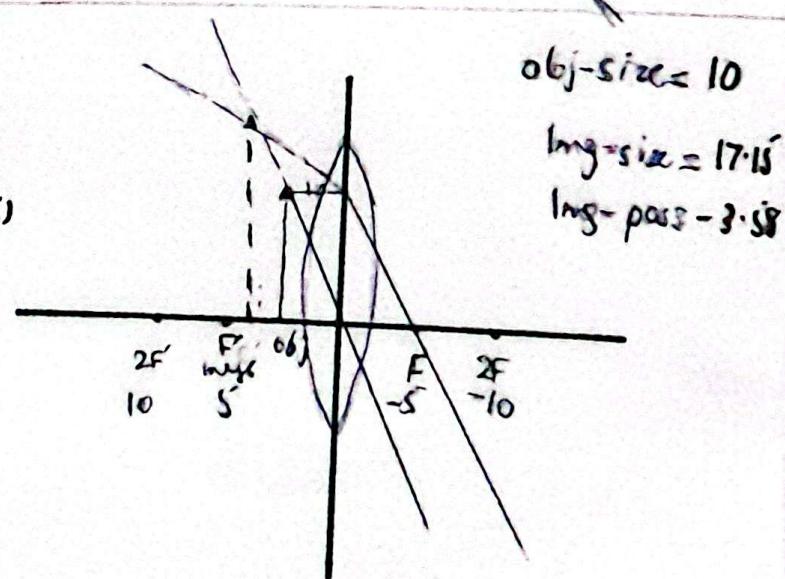


$$\text{Obj-size} = 10$$
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$$\text{img-size} = -2.1$$

(4)



$$\text{Obj-pos} = 5$$
$$\text{focal length} = 5$$
$$\text{Image-size} = -11.11$$



$$\text{Obj-size} = 10$$
$$\text{img-size} = 17.15$$
$$\text{img-pos} = -3.58$$