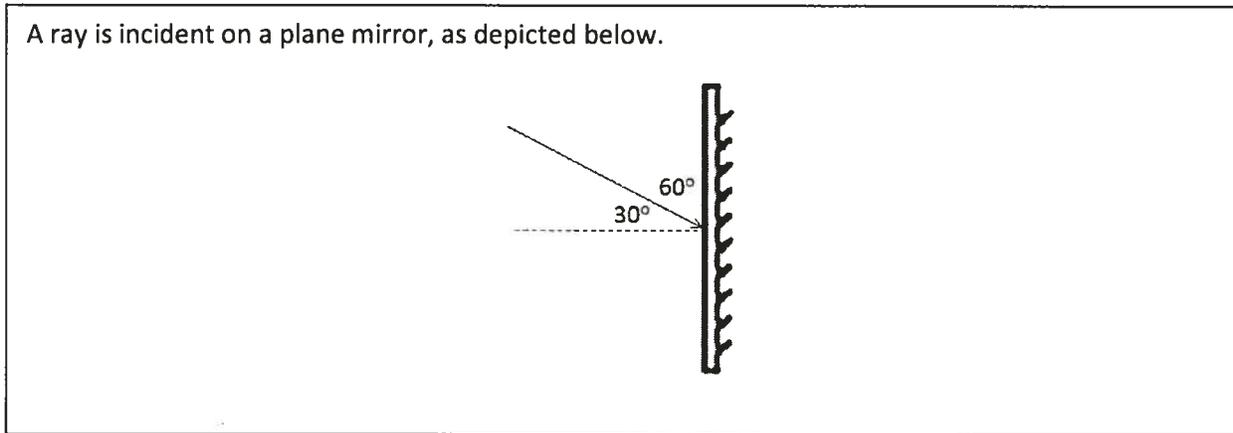


First Name: _____

Last Name: _____

L'04 - Formative Quiz - Reflection Ray Diagrams

Use the following information to answer Q1.



Q1: Which of the following rows depicts the correct information regarding the incident and reflected rays?

	Angle of Incidence	Angle of Reflection
A.	30°	30°
B.	30°	60°
C.	60°	30°
D.	60°	60°

→ Angle of incidence = Angle of reflection
 → Always measured from NORMAL line.

a) A.

b) B.

c) C.

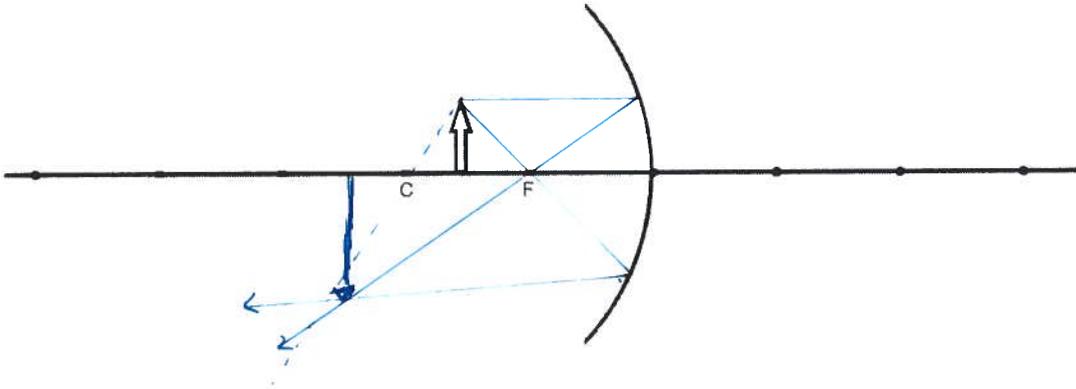
d) D.

Q2: Which of the following statements is *false*?

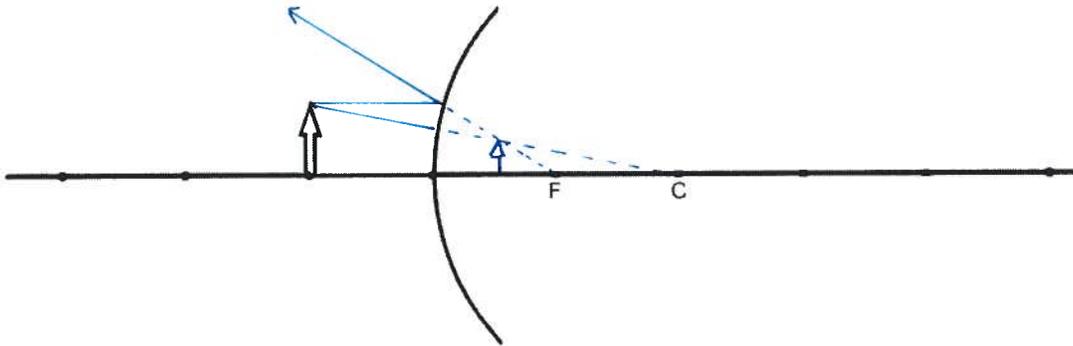
- a) Convex mirrors always produce virtual images.
- b) Concave mirrors always produce real images. → Virtual if $d_o < f$
- c) Image characteristics include magnification, attitude, position, and type.
- d) Only real images can be focused onto a screen.

FLIP THE PAGE TO CONTINUE

Q3: Draw a ray diagram for the following concave mirror. (1 mark)



Q3: Draw a ray diagram for the following convex mirror. (1 mark)



MARKING:

Beginning	0-1
Progressing	2
Competent	3
Exemplary	4