

CHAPTER: LIGHT & OPTIC

Ray Diagram

REFLECTION

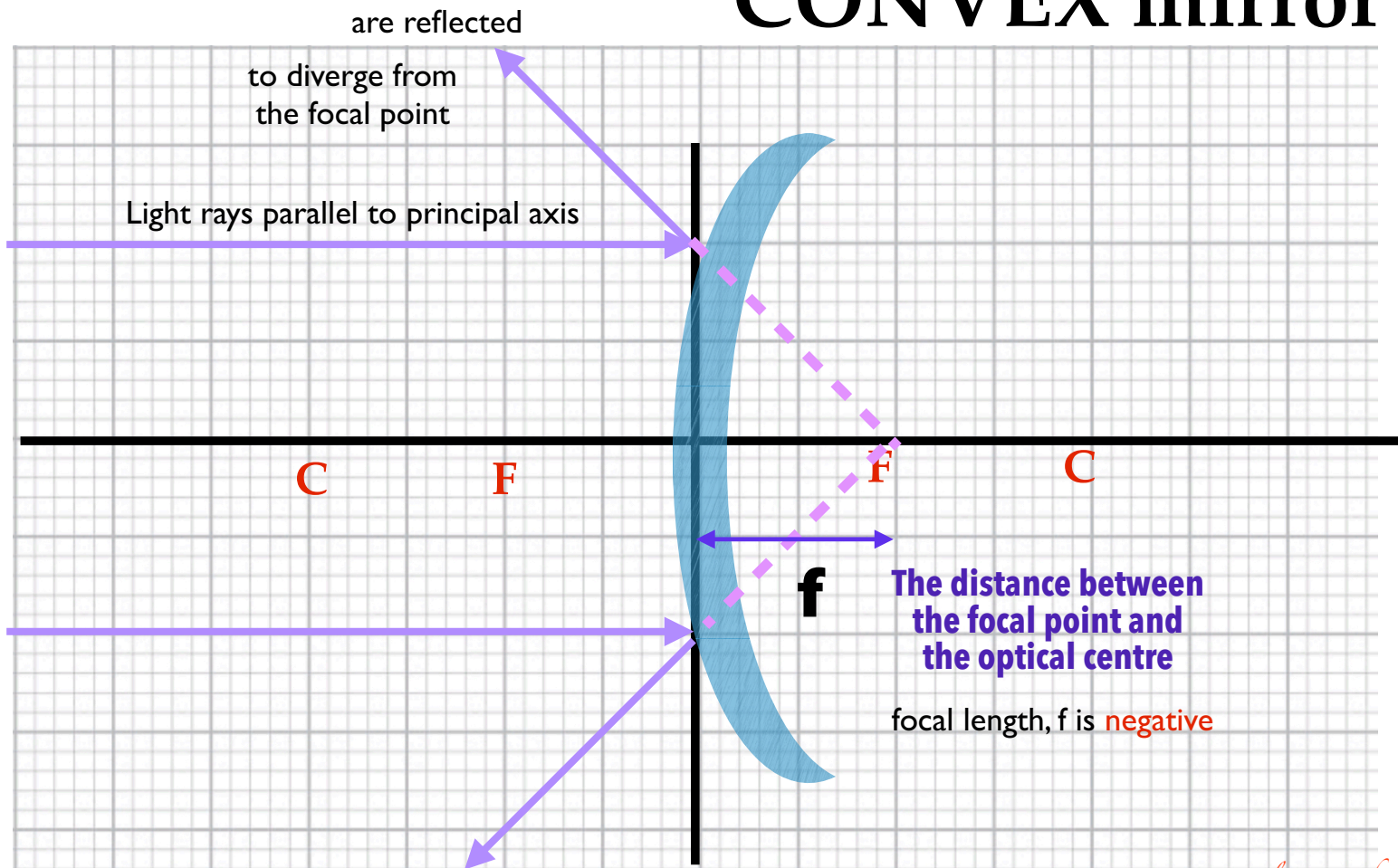
MIRROR WIBKOB



a l i n a i m a n a r i f
miracles happen everyday

alinainanarif.wordpress.com
012-2183395

CONVEX mirror



Explain the main characteristic of a convex mirror?

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CONVEX mirror

Position of object : $u < f$

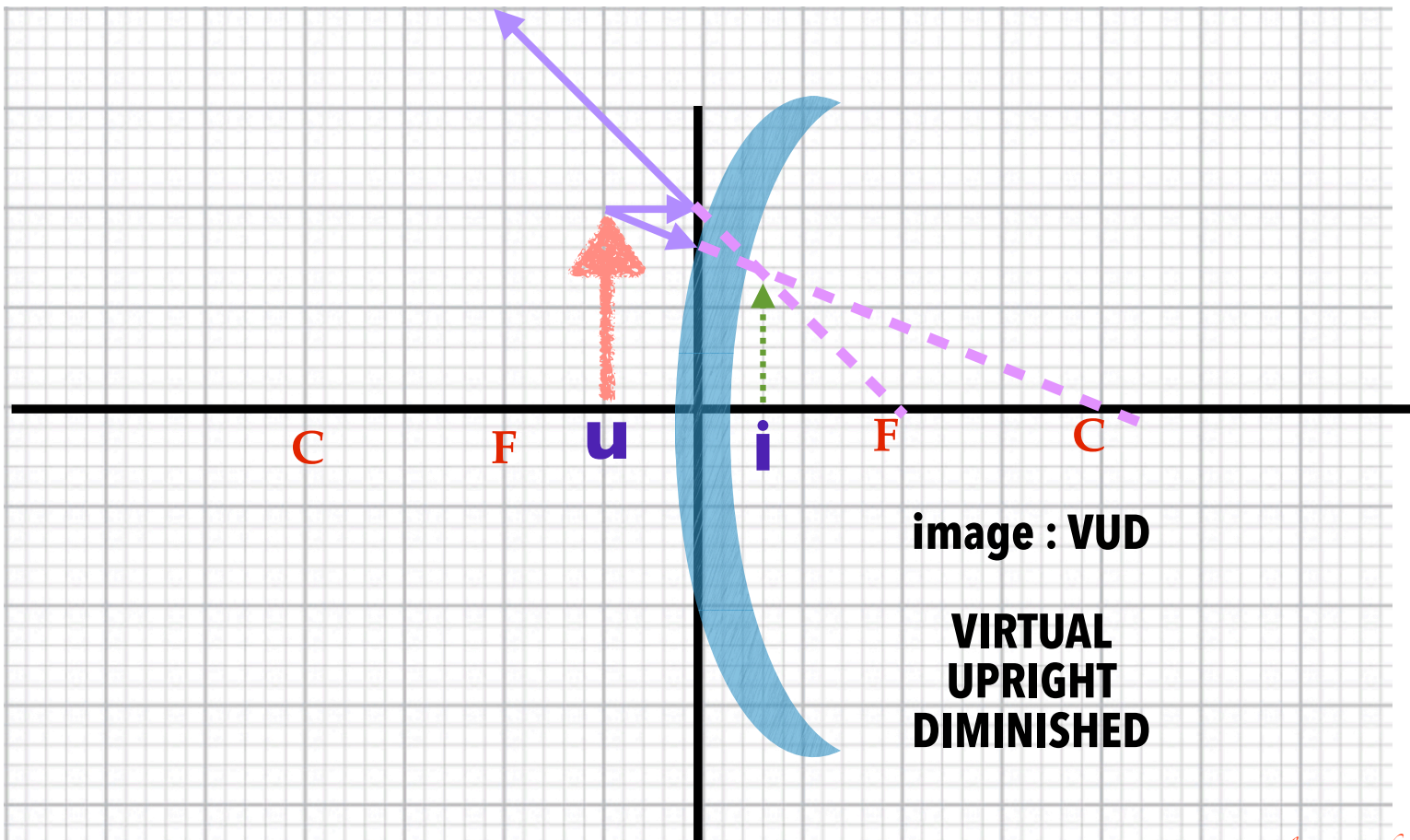


image : VUD

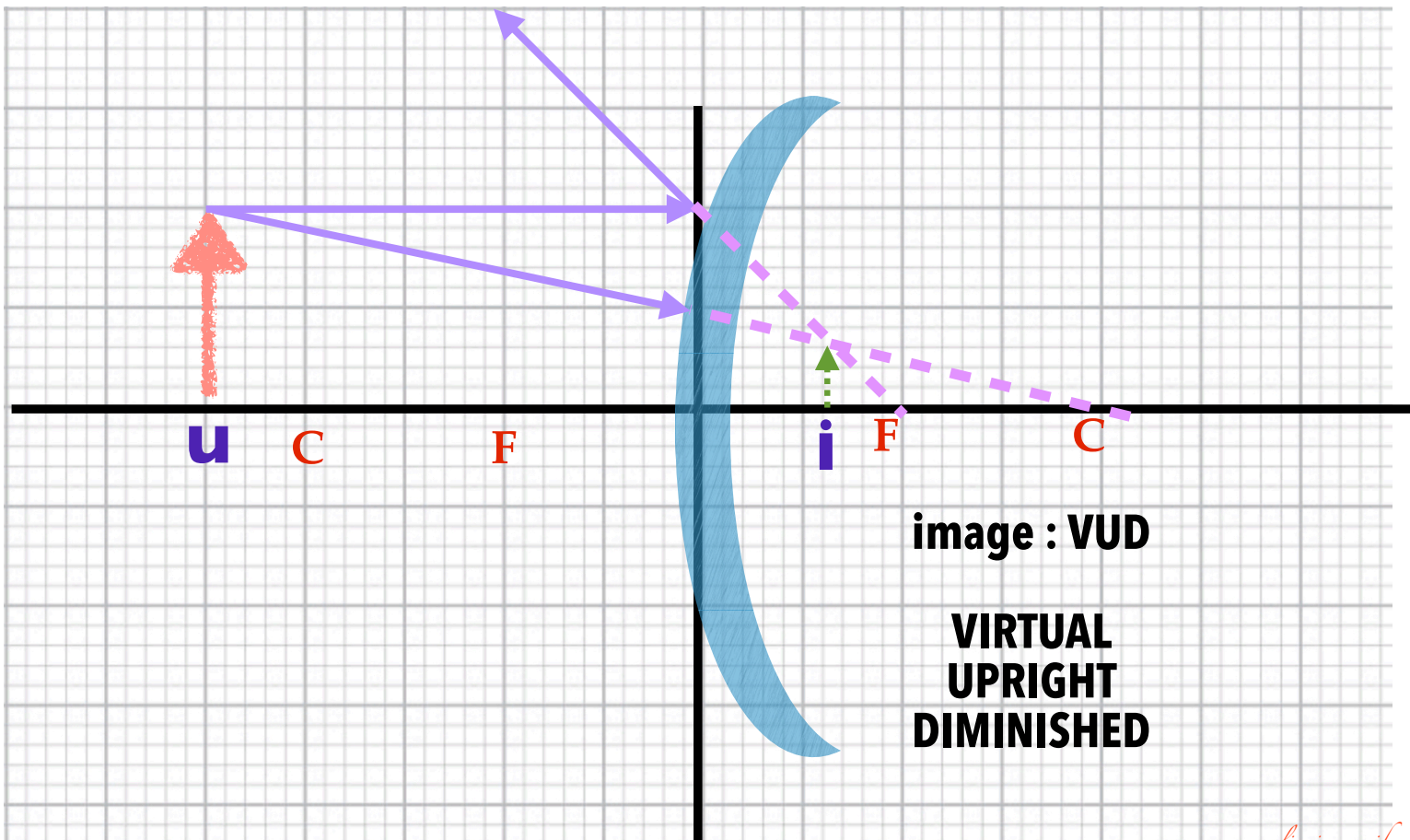
**VIRTUAL
UPRIGHT
DIMINISHED**

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CONVEX mirror

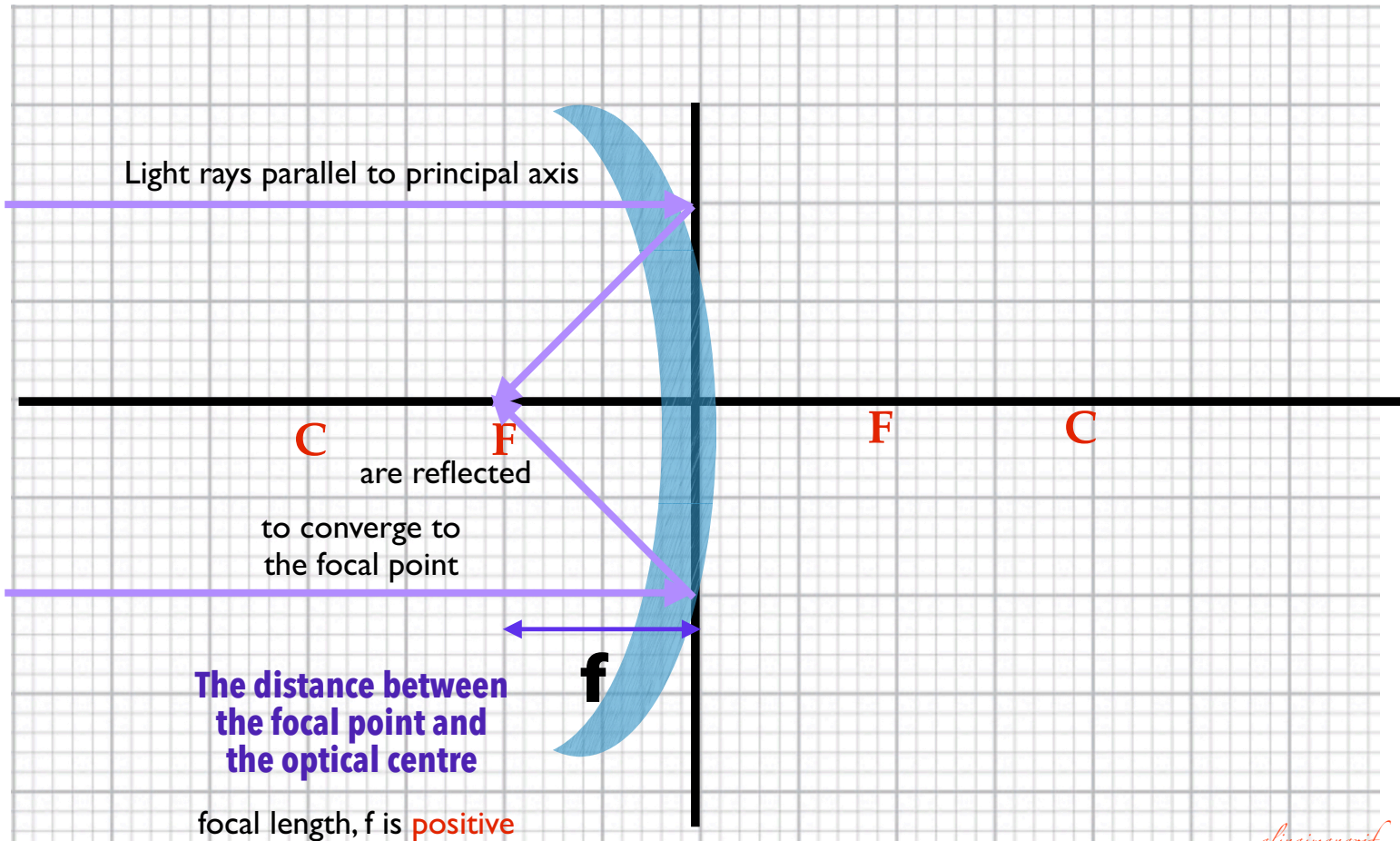
Position of object : $u > f$



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CONCAVE mirror

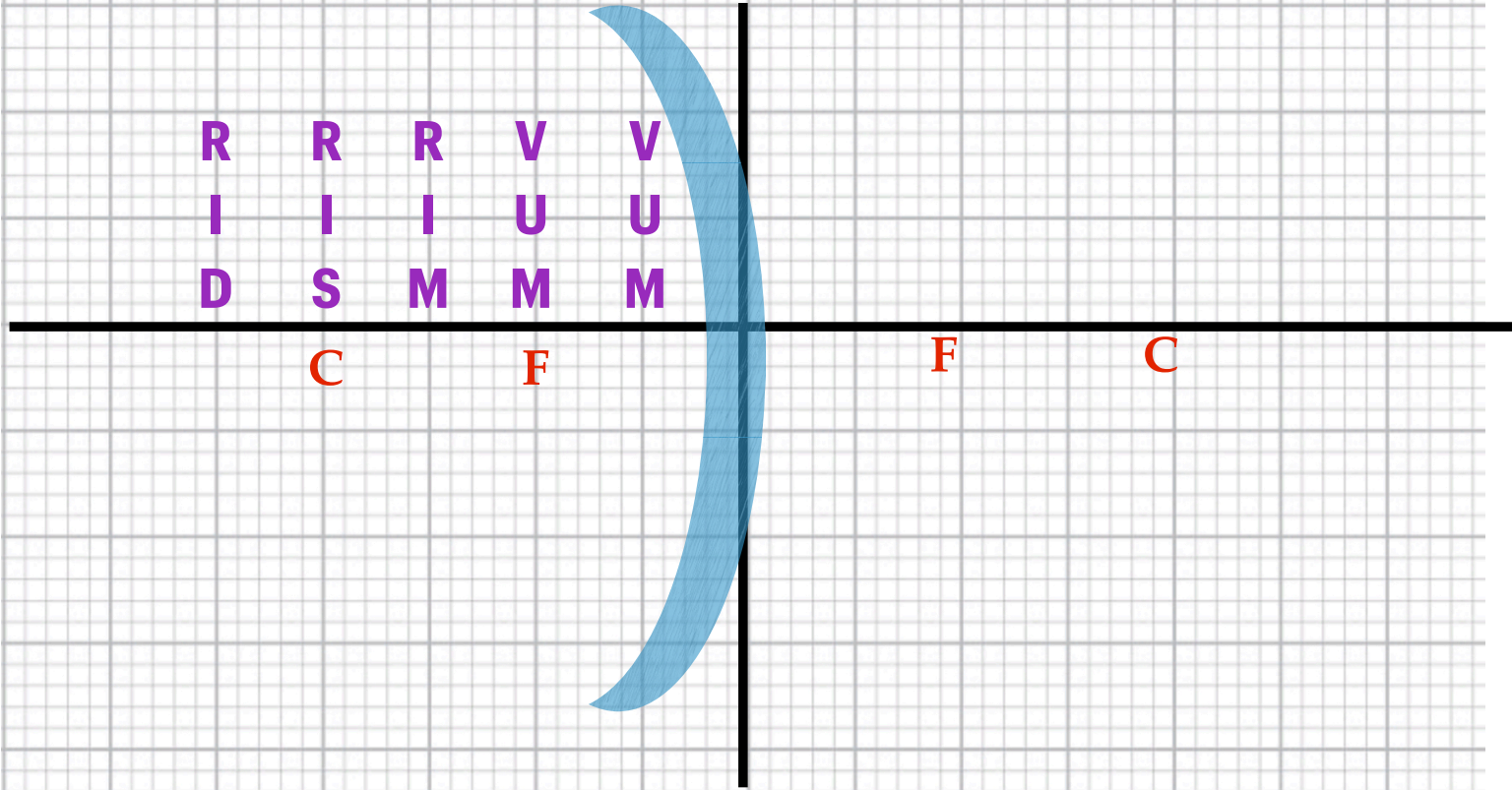


Explain the main characteristic of a concave mirror?





Characteristics of image for concave mirror:



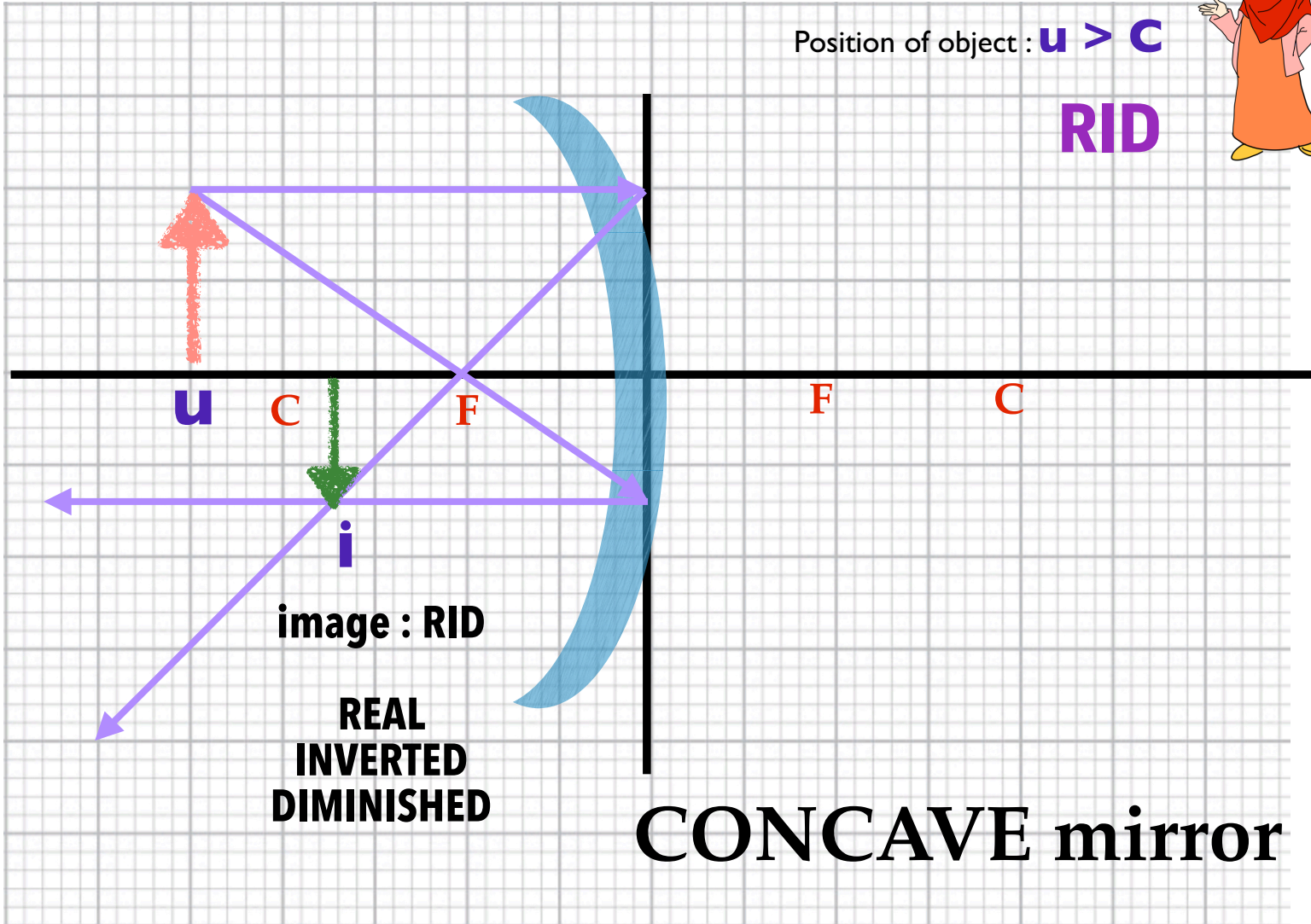
CONCAVE mirror

Characteristics of image for concave mirror:

Position of object : $u > C$



RID



Characteristics of image for concave mirror:



Position of object : $u = C$

RIS

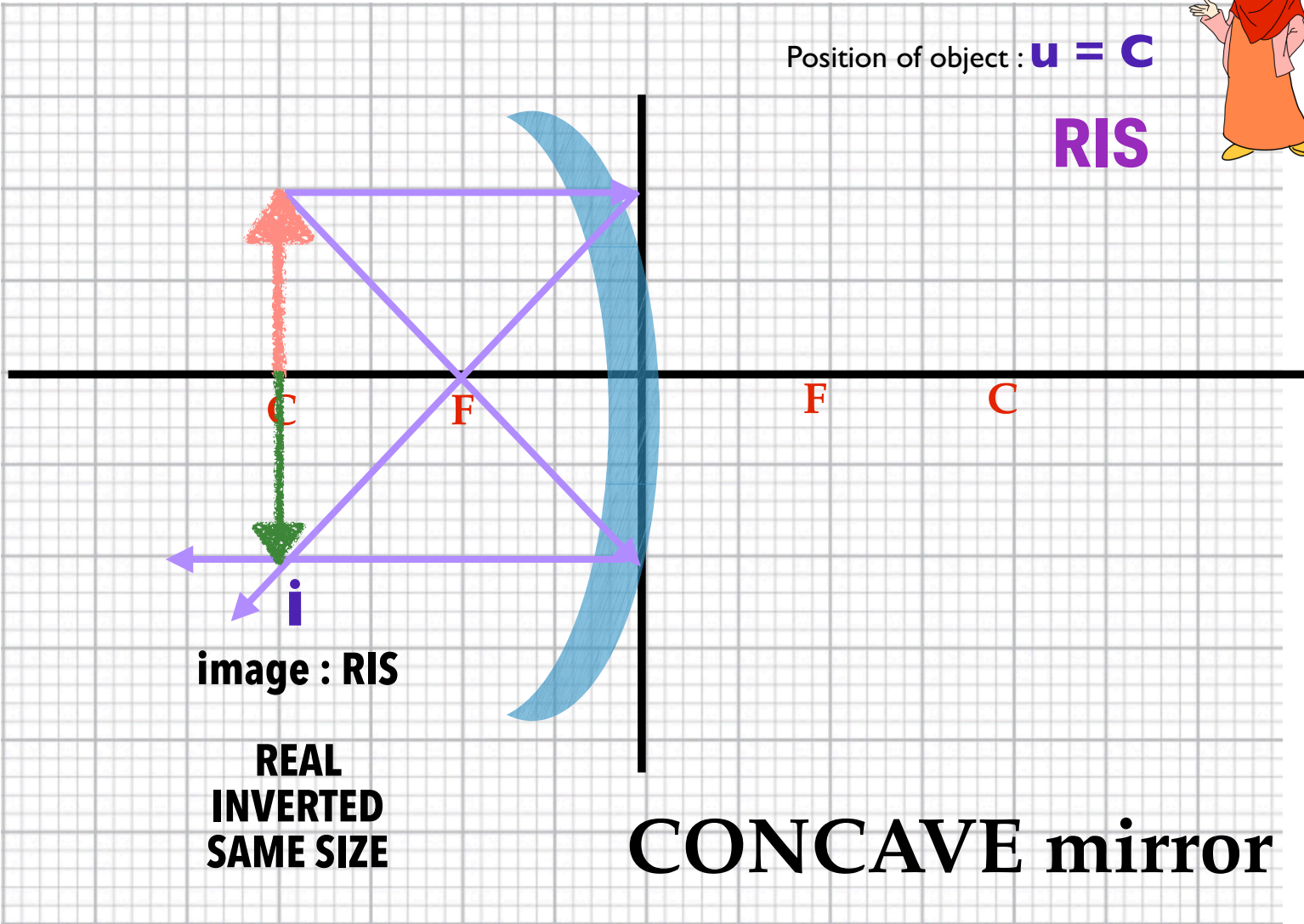
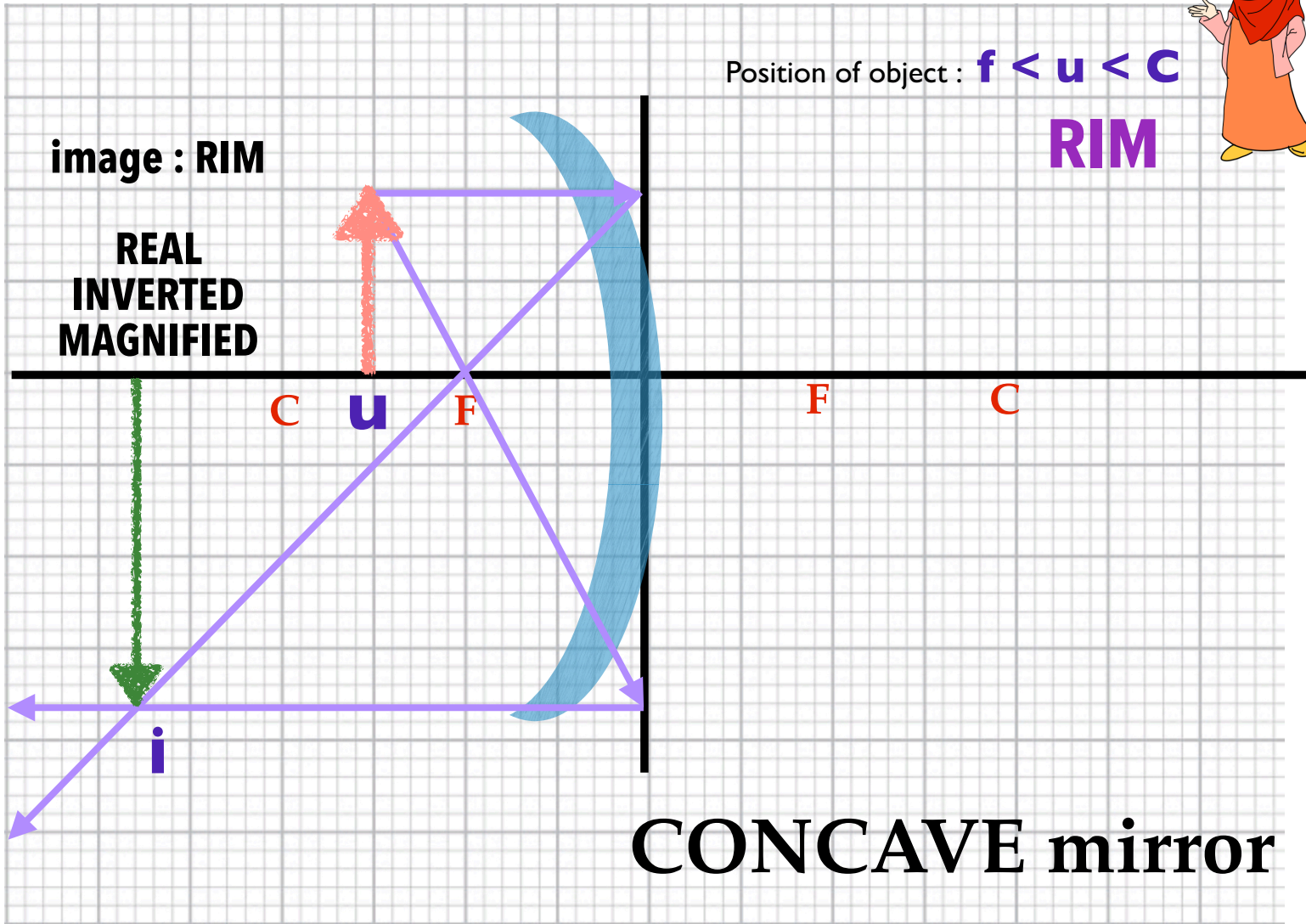


image : RIS

**REAL
INVERTED
SAME SIZE**

CONCAVE mirror

Characteristics of image for concave mirror:





Characteristics of image for concave mirror:

Position of object : $u = f$

VUM

IMAGE INFINITY

image : VUM

VIRTUAL UPRIGHT MAGNIFIED

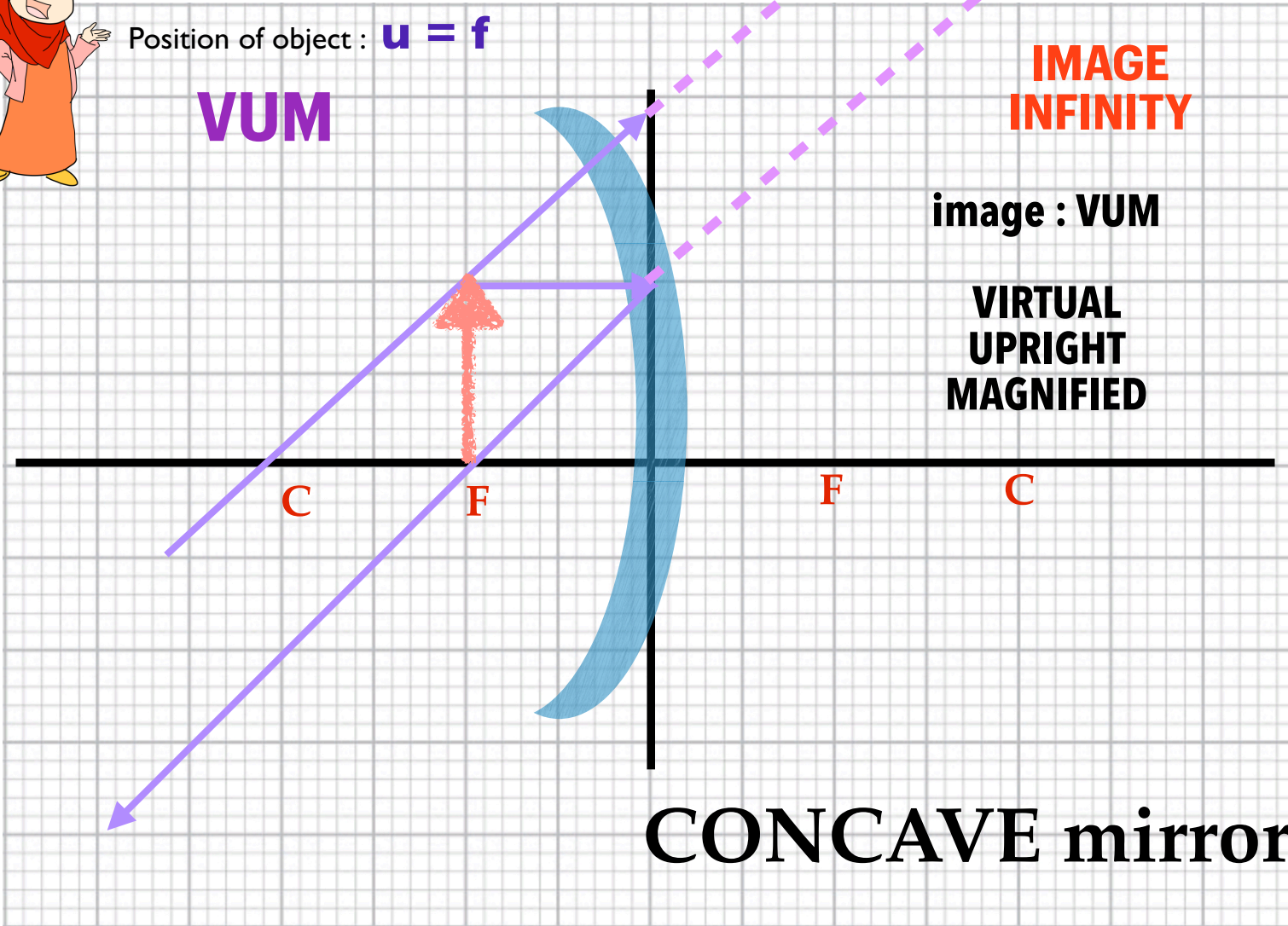
C

F

F

C

CONCAVE mirror



Characteristics of image for concave mirror:

Position of object : $u < f$

VUM

image : **VUM**

**VIRTUAL
UPRIGHT
MAGNIFIED**

C

F

u

F

i

C

CONCAVE mirror

