

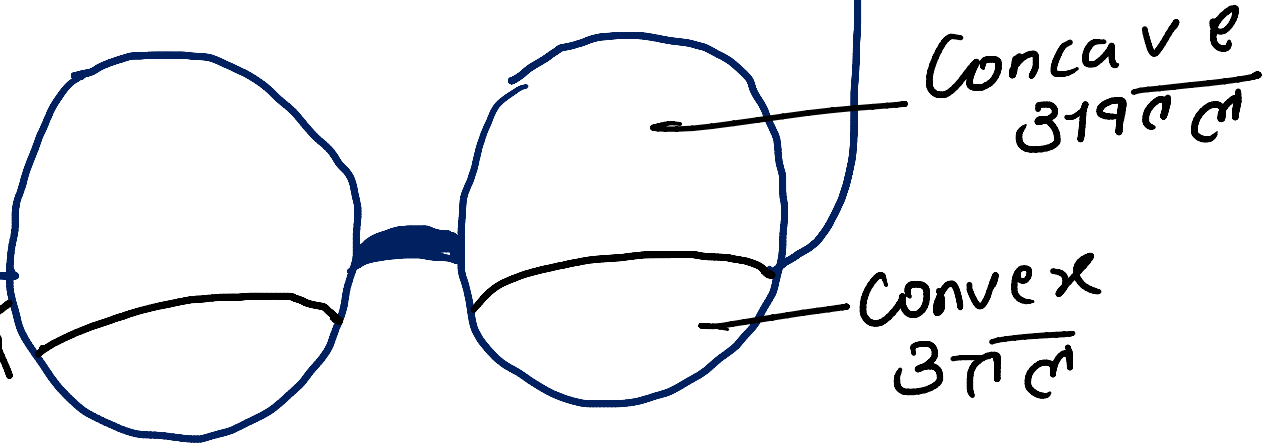
Presbyopia ^{Myopia} ^{Hypertension}
~~Hypermetropic~~ $\Rightarrow$ $\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$
 निकट दूर दृष्टि दाय

उपचार
 Cure

दृष्टि को ठीक
 करने
 निकट दूर दृष्टि

Bifocal lens
 लेंस

The lens in which
 two lens are present
 दो लेंस मौजूद हैं।



Correct Vision $\Rightarrow$

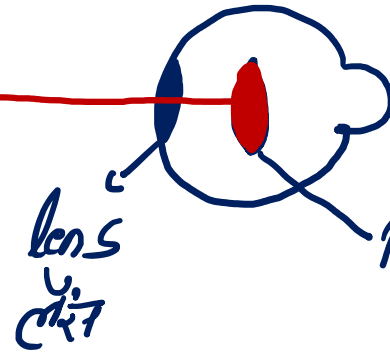


Image formed on Retina
(चित्र रेटिना पर बनेगा)

Myopia निकट दृष्टि दोष $\Rightarrow$

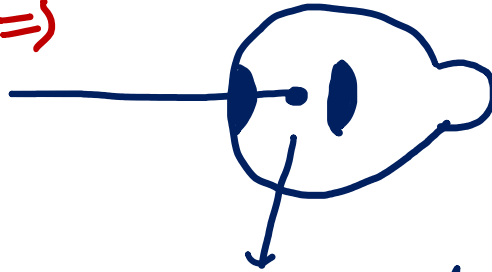
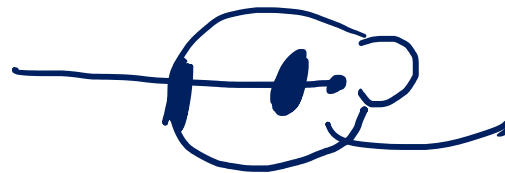


Image formed in front of Retina
रेटिना के आगे

Hypermetropia दूर दृष्टि दोष



behind the Retina
रेटिना के पीछे

exception = Blue
314

Mark 2

Colour blindness

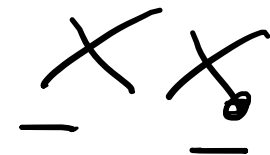
Primary colour $\Rightarrow$ Red, green, Blue
प्रथम रंग लाल हरा नीला

by birth and genetic diseases
जन्म से और आनुवंशिक बीमारियाँ

Cure $\rightarrow$ कोई सुधार नहीं है no cure
सुधार

$\Rightarrow$ only in Male $\rightarrow$ XY

Carrier of disease
रोगवाहक

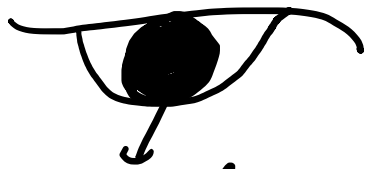
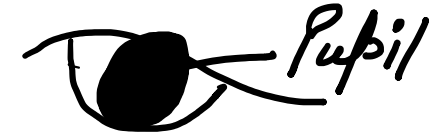
female
महिला


Cataract हो लिया तो ⇒

Cure सुधार ⇒

Burgery

A white membrane of Pupil
आँखों पर सफेद झिल्ली आती

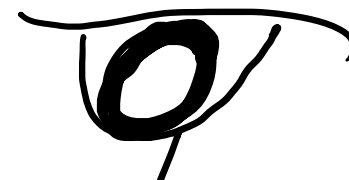


Correct
Vision

सही दृष्टि



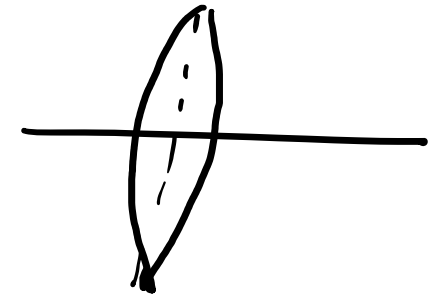
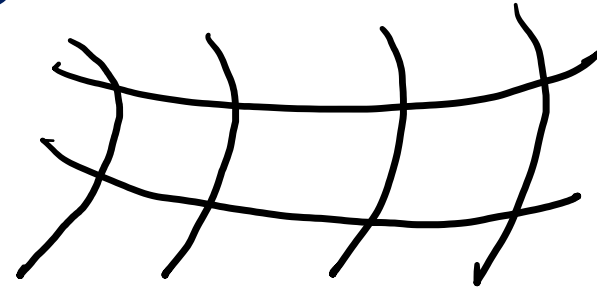
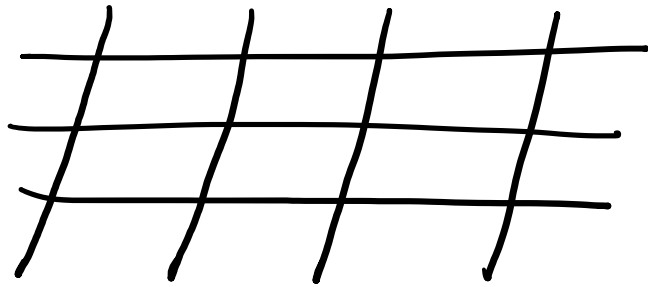
partial
Vision



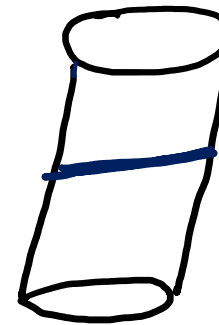
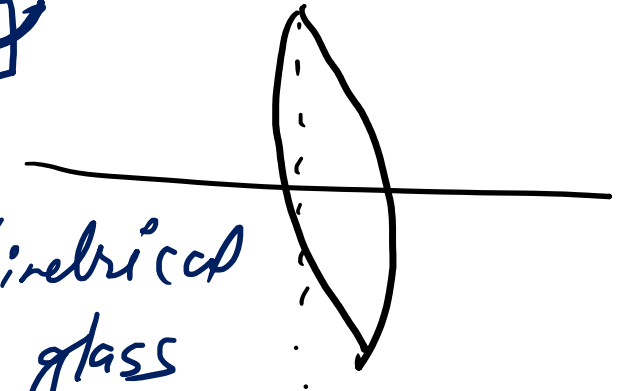
सही दृष्टि का सम्मान हो जाता
lost of vision

blind
अंधा

Astigmatism आँखें गुल



x



cylindrical glass

⇒ Cylindrical lens
दो/एक-दिशा में लेंस

uses of mirror उपयोग का उपयोग

use

Concave mirror

उत्तल दर्पण



Ride mirror

Rear view mirror

गहन में उपयोग

ऐसे बाल, दर्पण

Use in vehicle

max use

Concave mirror

उत्तल दर्पण

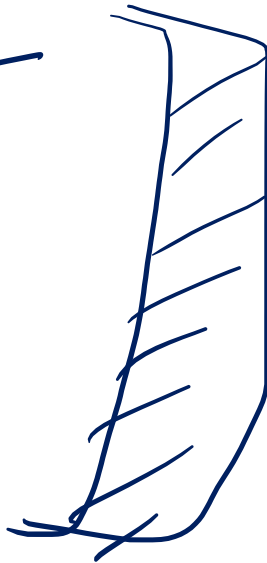
→ दंत चिकित्सक
Dentist

→ Shaving mirror

→ solar cooker

→ Projector

→ headlight
— torch



Paint

glass
lens

Paint → Mirror ५५५
||
Silver Bromide
 $AgBr$

अन्य option ना है तो
Silver Nitrate
($AgNO_3$)

Concave lens
उत्तल लेंस

Paint

Convex Mirror
उत्तल ५५५

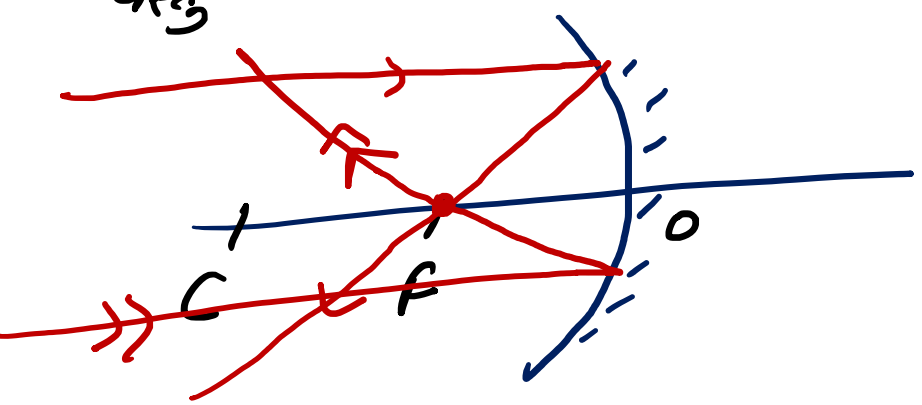
Convex lens
उत्तल लेंस

Paint

Concave Mirror
उत्तल ५५५

$0 \Rightarrow \infty$
 વસ્તુ

$I \Rightarrow F \Rightarrow \text{Real}$
 વાસ્તવિક

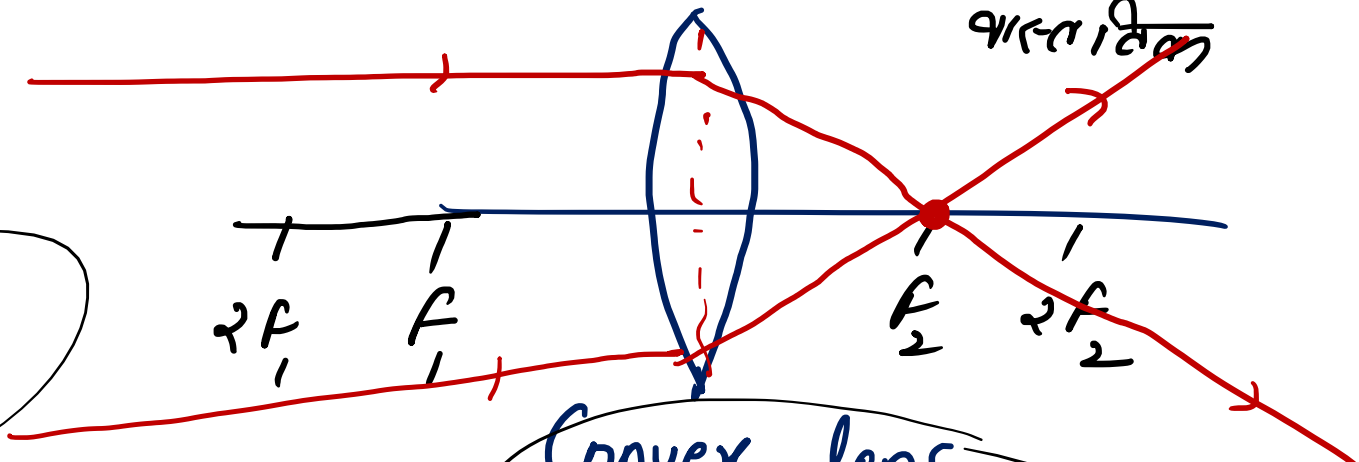


Concave Mirror
 ઊંચતલ ડાળ

II

$0 \Rightarrow \infty$

$I = F$
 Real
 વાસ્તવિક



Convex lens
 ઊંચત લેન્સ

