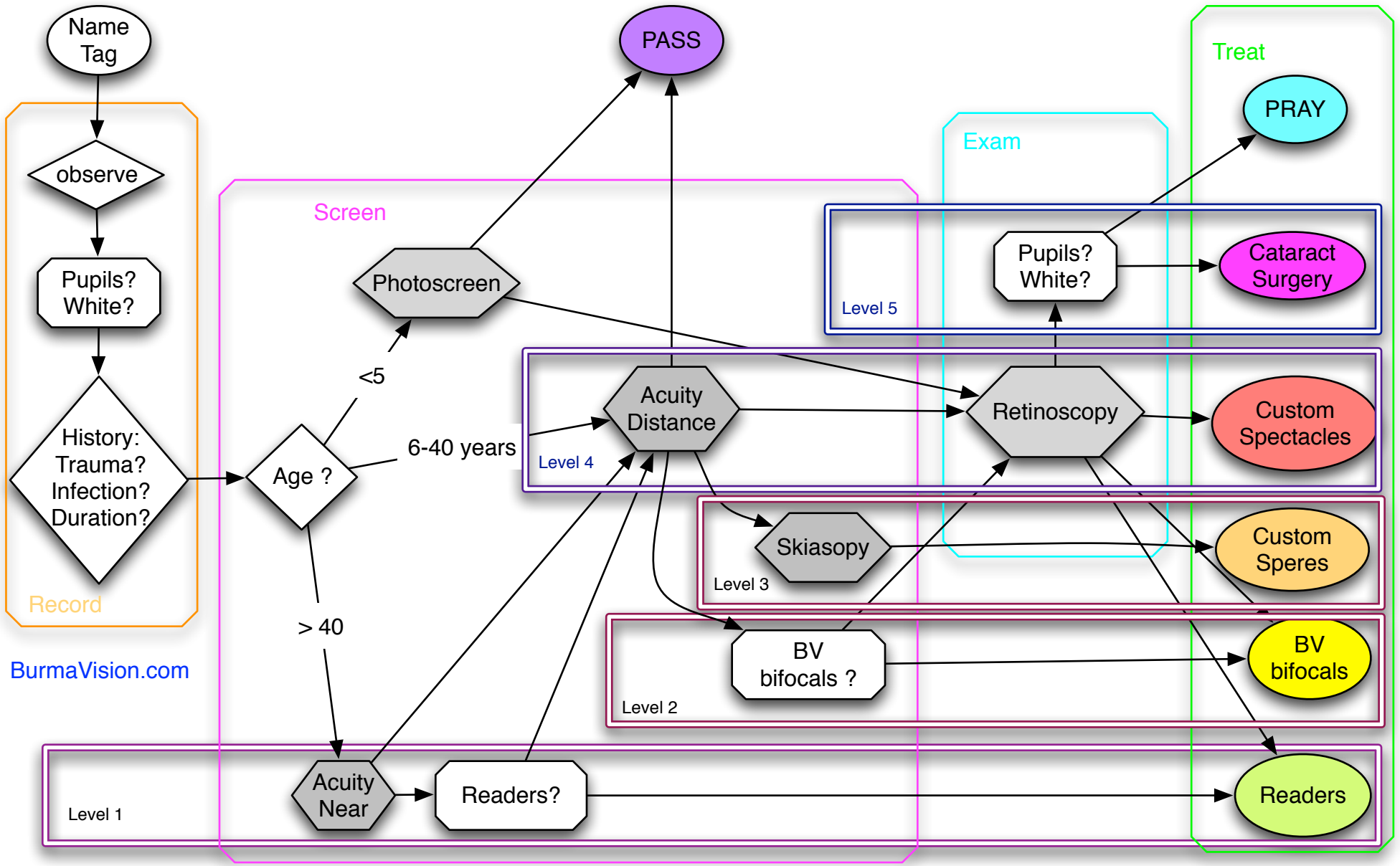
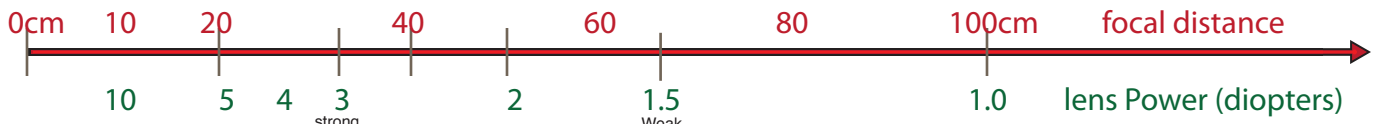


# Burma Vision Screening / Spectacle Protocol

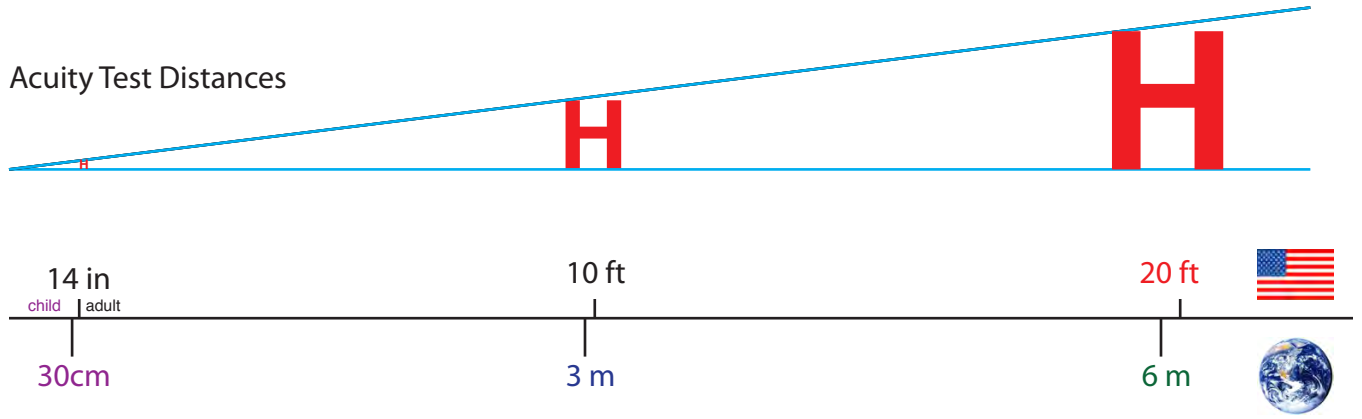


## Burma Vision Metrics



Power (diopters) = 100 / focal distance (cm) | F. D. (cm) = 100 / Power (diopters)

### Acuity Test Distances



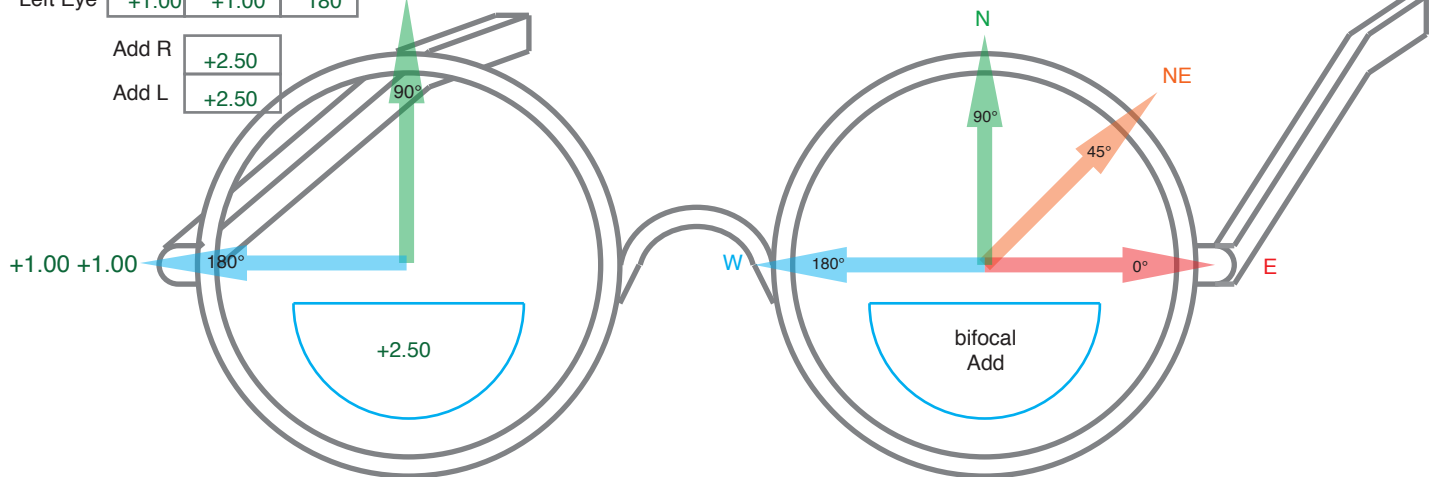
### Acuity Notations

	1.0	0.8	0.67	0.5	0.4	0.33	0.25	0.2	0.17	0.13	0.1	decimal
numerator = patient distance denominator = "normal" distance				SCREEN							poor	
m	6/6	6/7.5	6/9	6/12	6/15	6/18	6/24	6/30	6/36	6/48	6/60	CF
m	3/3	3/3.7	3/4.5	3/6	3/7.5	3/9	3/12	3/15	3/18	3/24	3/30	HM
cm	30/30	30/37	30/45	30/60	30/75	30/90	30/120	30/150	30/180	30/240	30/300	LP
ft	20/20	20/25	20/32	20/40	20/50	20/63	20/80	20/100	20/125	20/160	20/200	NLP
USA	20/16											DISTANCE
USA	20/10											NEAR Child

### Burma Bifocal

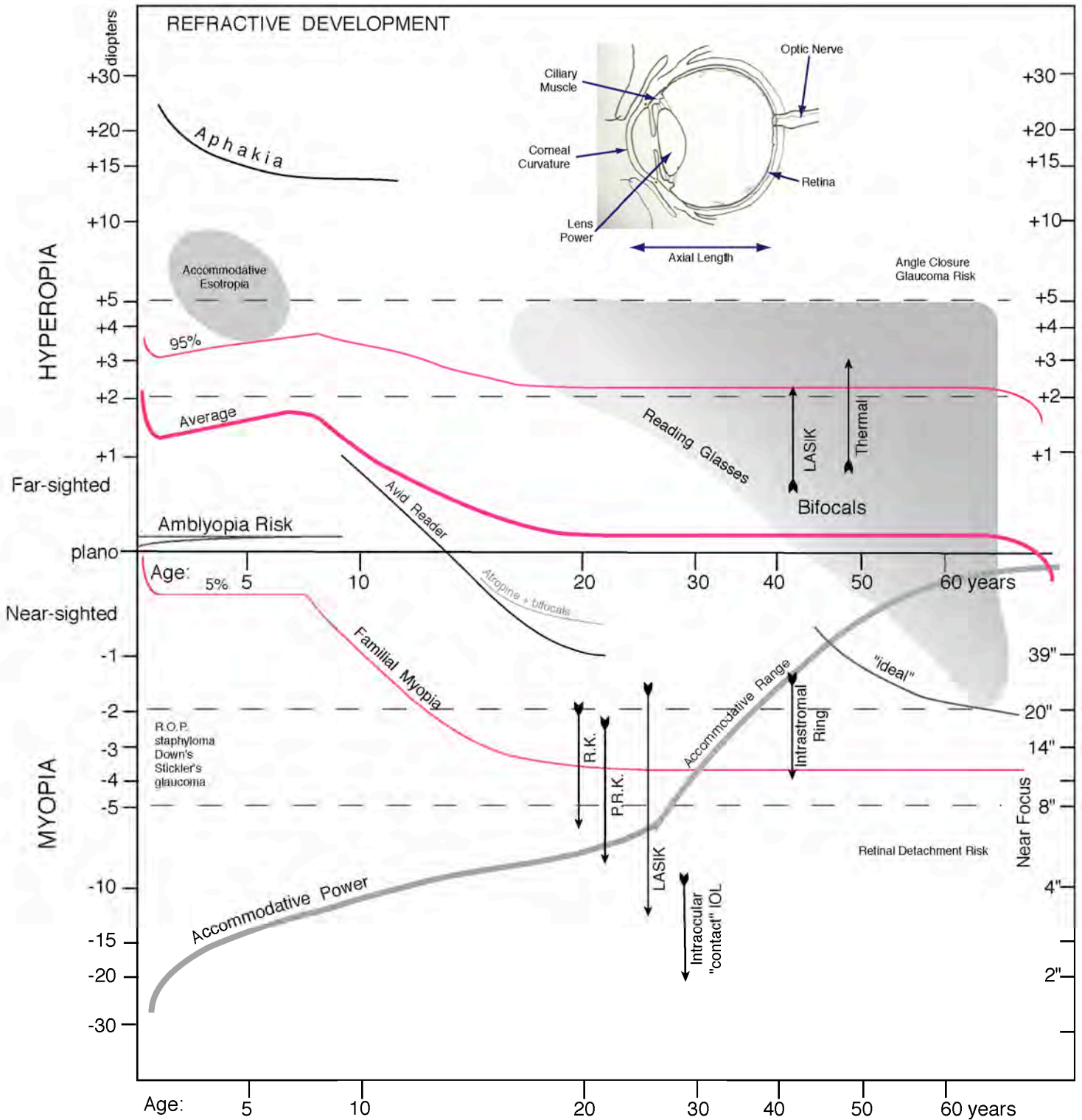
	Sphere	Cylinder	Axis
Right Eye	+1.00	+1.00	180
Left Eye	+1.00	+1.00	180

Add R	+2.50
Add L	+2.50



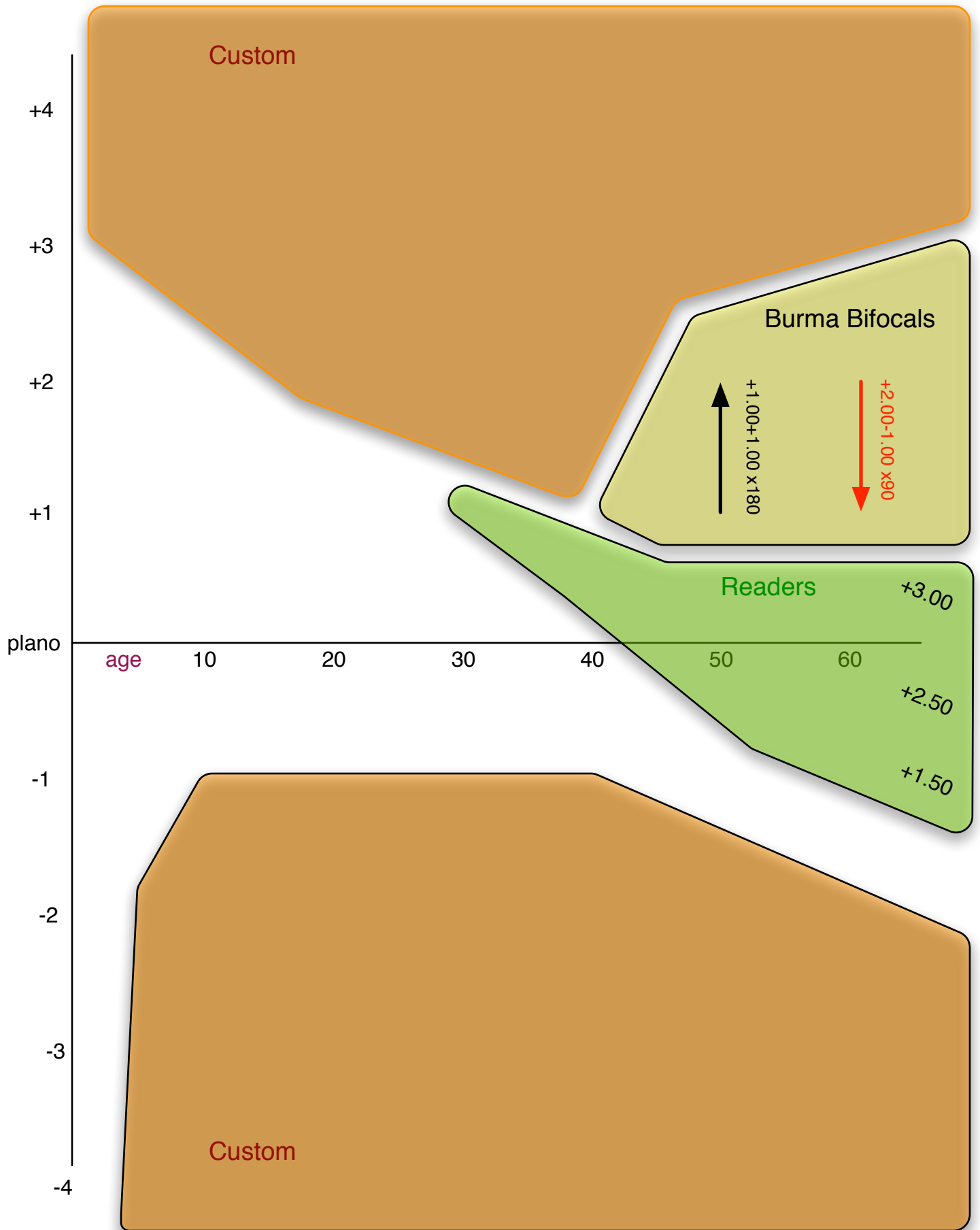
	Sphere	Cylinder	Axis
Right Eye			
Left Eye			

Add R	
Add L	



A dot (•) indicates No Astigmatism.  
 An arrow ↑ signifies astigmatism.  
 95% of astigmatism < 1.5 diopters

**Farsightedness** and **Nearsightedness** depend on the length of the eye, the power of the lens, the pull of the ciliary muscles distorting the young flexible lens, and the curvature of the cornea. **Astigmatism** is usually due to an irregular curvature of the cornea; the front of the eye is more like the side of a football than the shape of a basketball (no astigmatism), **Presbyopia** is a gradual hardening of the crystalline lens so that the ciliary muscles can no longer distort it enough to focus on near objects.



3/4.5 Acuity from 3 meters



3/4.5 Acuity from 3 meters



20/32 Acuity Screen from 10



3/4.5 Acuity from 3 meters  
ABCD-Vision.org



BurmaVision.com

3/6 SCREEN Acuity from 3 meters



20/40 SCREEN Acuity from 10 ft



2.50 inches or 63.5 mm?



3/6 SCREEN Acuity from 3 meters



3/6 SCREEN Acuity from 3 meters





30/60 at 30 cm

20/40 at 30 cm

Alaska Blind Child Discovery Near Acuity (30 cm)

Alaska Blind Child Discovery Child Acuity (25 cm)

