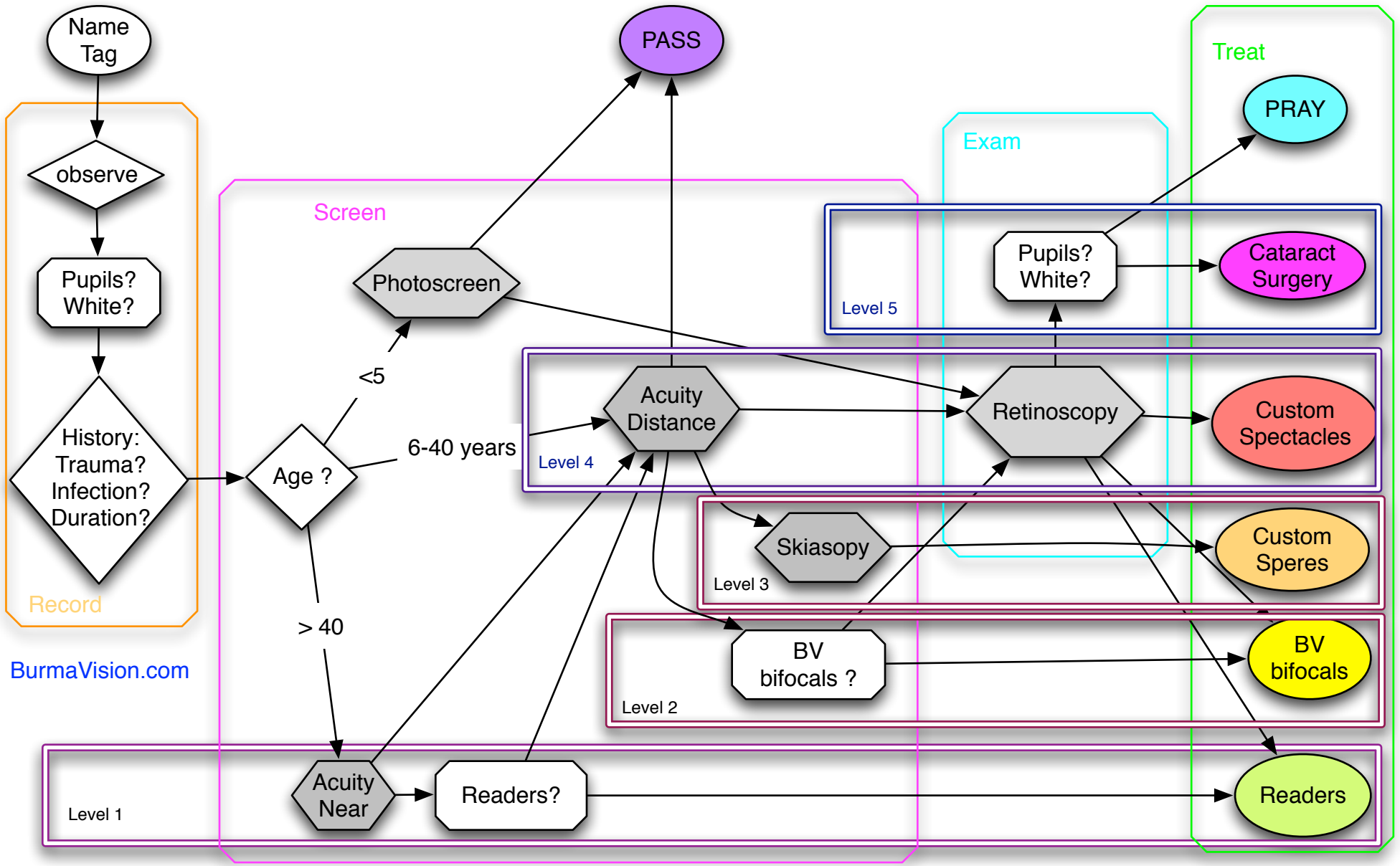
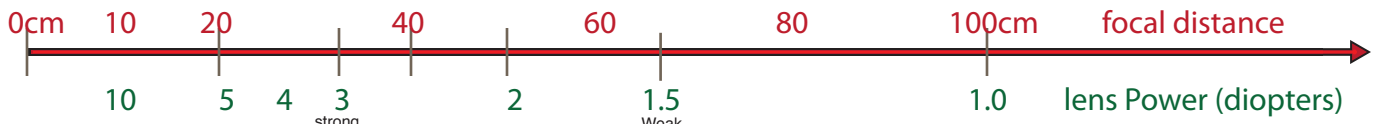


Burma Vision Screening / Spectacle Protocol

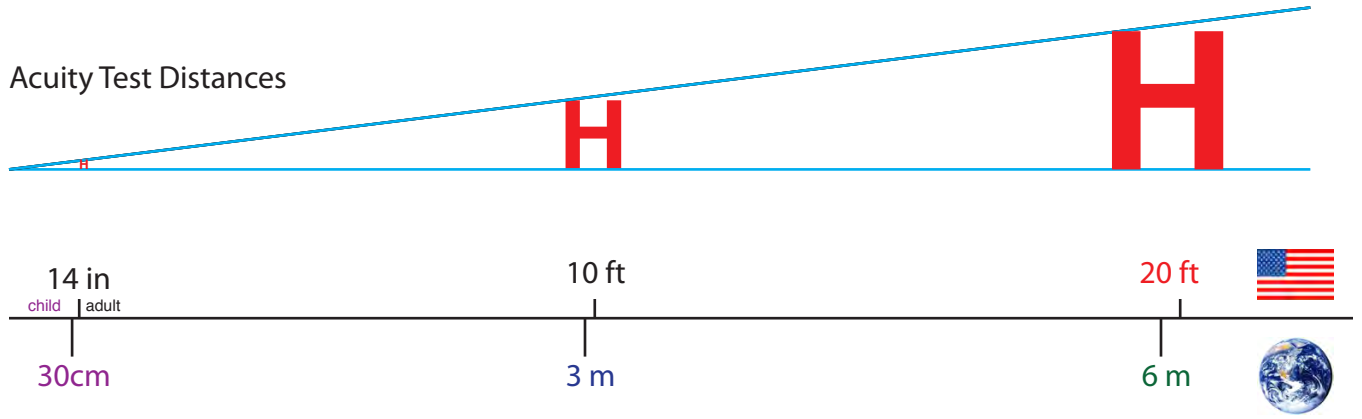


Burma Vision Metrics



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

Acuity Test Distances



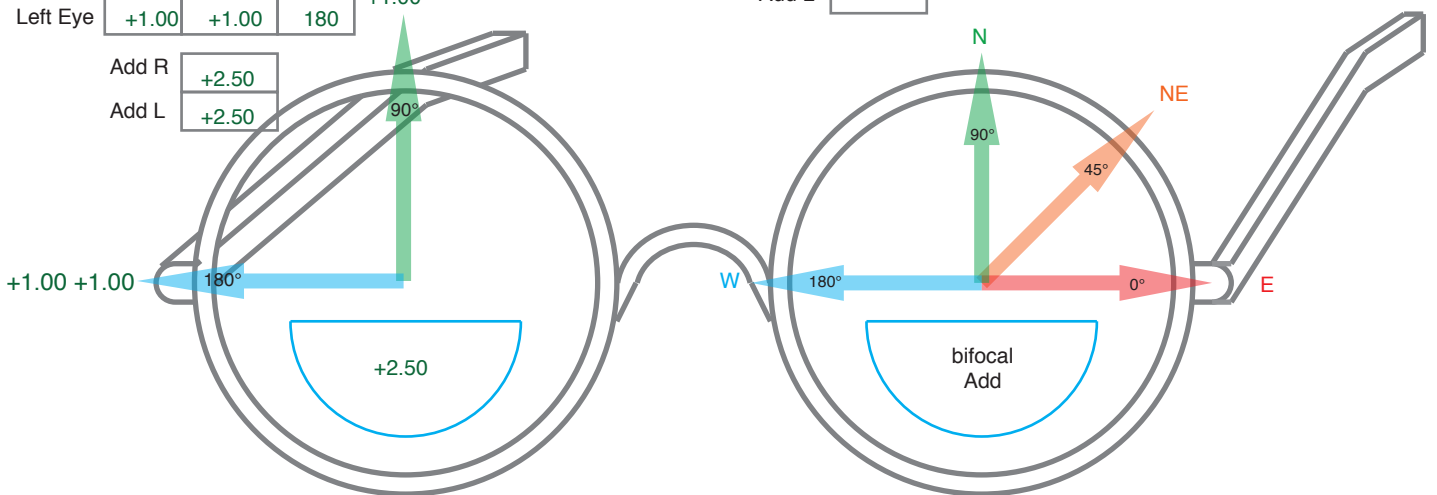
Acuity Notations

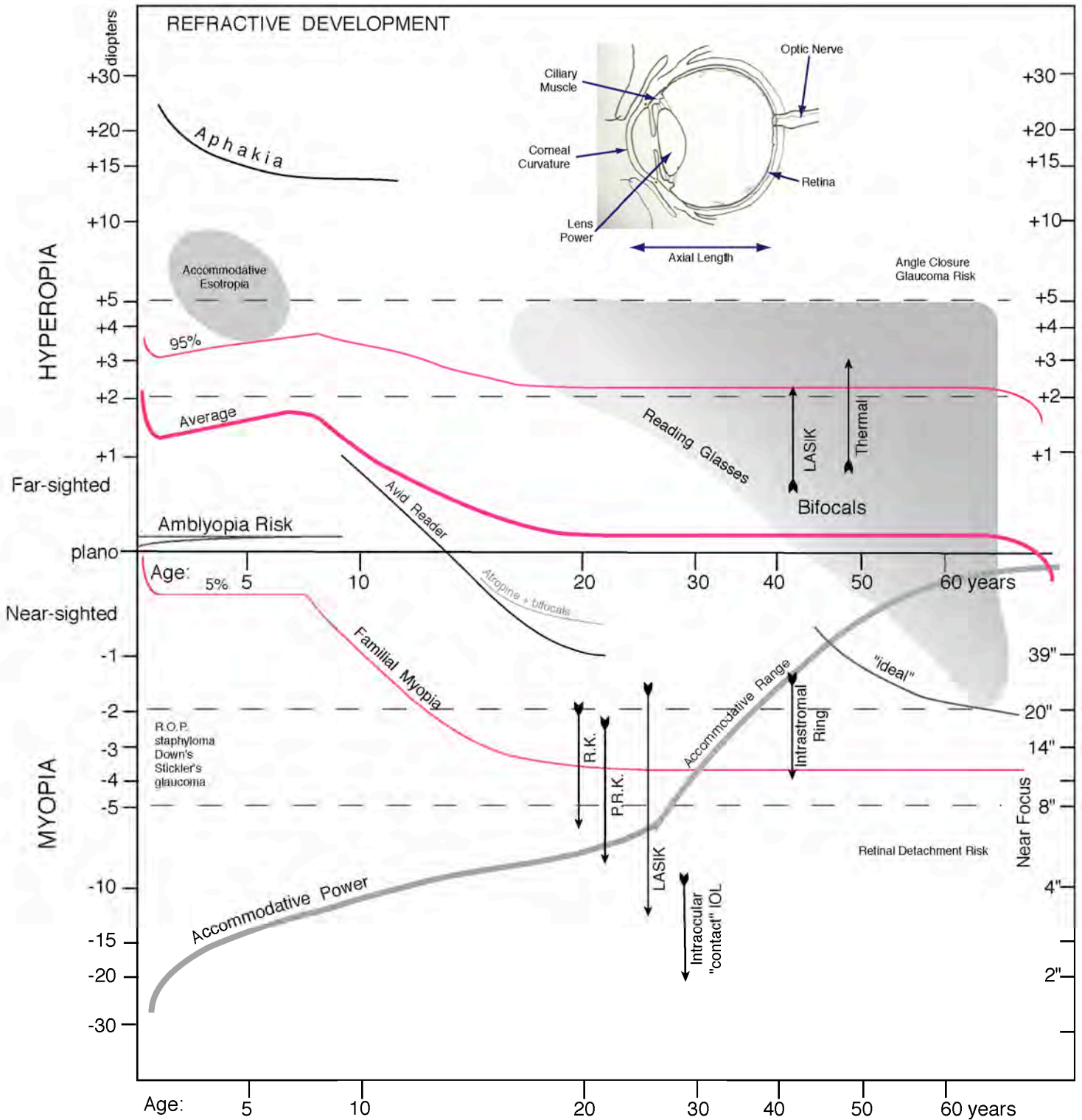
	1.0	0.8	0.67	0.5	0.4	0.33	0.25	0.2	0.17	0.13	0.1	decimal
	6/6	6/7.5	6/9	6/12	6/15	6/18	6/24	6/30	6/36	6/48	6/60	CF
m	3/3	3/3.7	3/4.5	3/6	3/7.5	3/9	3/12	3/15	3/18	3/24	3/30	HM
cm	30/30	30/37	30/45	30/60	30/75	30/90	30/120	30/150	30/180	30/240	30/300	LP
ft	20/20	20/25	20/32	20/40	20/50	20/63	20/80	20/100	20/125	20/160	20/200	NLP
												DISTANCE
												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		

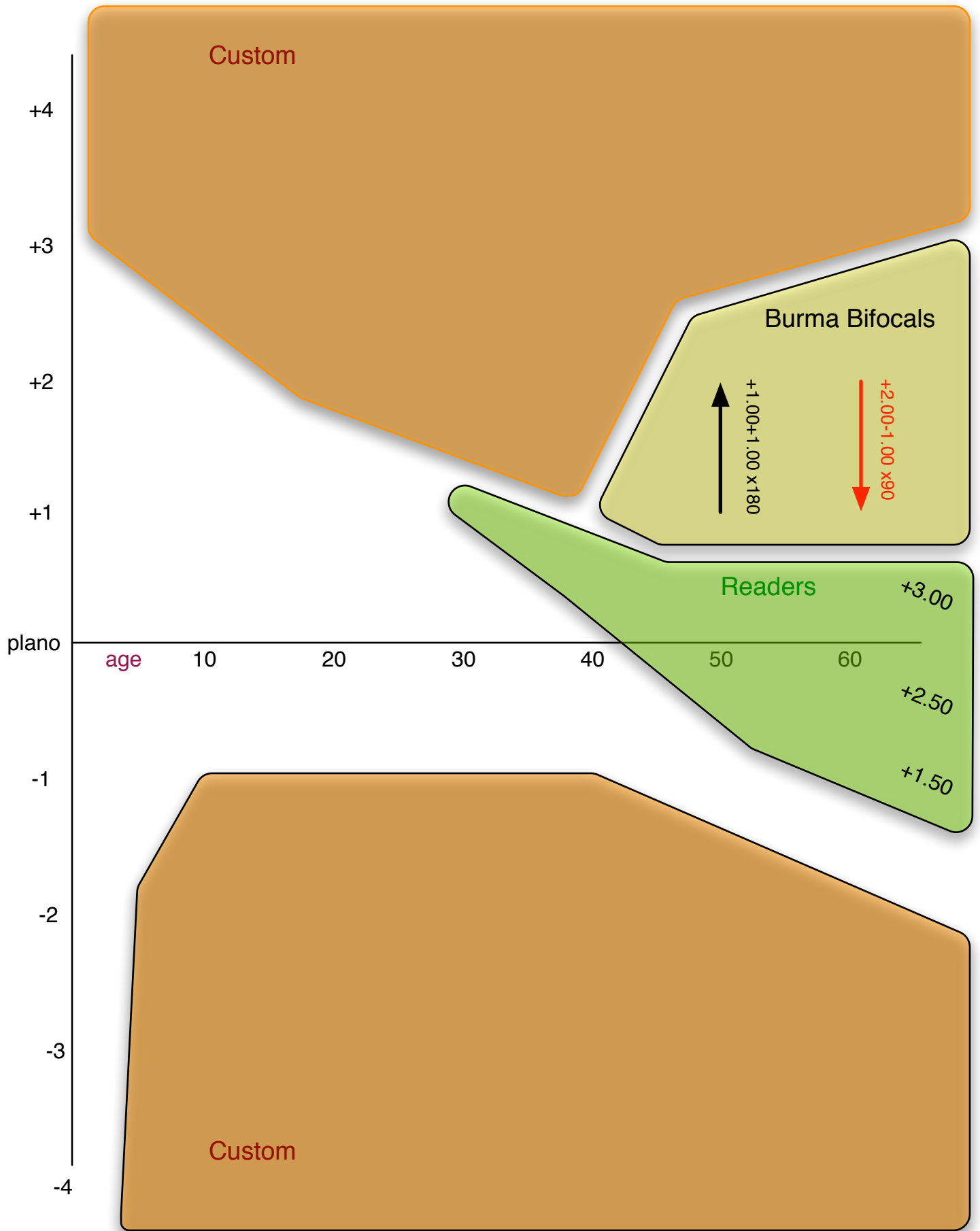
	Sphere	Cylinder	Axis
Right Eye			
Left Eye			
Add R			
Add L			





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



BurmaVision.com

3/6 SCREEN Acuity from 3 meters

20/40 SCREEN Acuity from 10 ft

3/6 SCREEN Acuity from 3 meters

3/6 SCREEN Acuity from 3 meters



ABCD-Vision.org



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)

Power	In Kit	Need	+ 1.00 Cyl	In Kit	Need	+2.00 cyl	In Kit	Need
-15.00	2							
-12.00	2							
-10.00	2							
-9.00	2							
-8.00	4							
-7.00	4							
-6.00	4							
-5.00	6							
-4.00	8		-4.00+1.00	4				
-3.00	8		-3.00+1.00	6		-3.00+2.00	4	
-2.50	6		-2.50+1.00	6			0	
-2.00	10		-2.00+1.00	10		-2.00+2.00	6	
-1.50	8		-1.50+1.00	6			0	
-1.00	12		-1.00+1.00	10		-1.00+2.00	8	
Plano	0		plano+1.00	10		plano+2.00	8	
+0.50	0		+0.50+1.00	4			0	
+1.00	0		+1.00+1.00	10		+1.00+2.00	8	
+1.50	0		+1.50+1.00	6			0	
+2.00	6		+2.00+1.00	10		+2.00+2.00	6	
+2.50	4		+2.50+1.00	6			0	
+3.00	8		+3.00+1.00	8		+3.00+2.00	4	
+4.00	8		+4.00+1.00	4		+4.00+2.00	2	
+5.00	8		+5.00+1.00	2				
+6.00	4							
+8.00	2							
+10.00	2							
+12.00	4							
Totals	120			100			44	264
Oct 1, 2010			Readers					
			+1.50					
			+2.00					
			+2.50					
			+3.00					
Bifocals								
+1.00	+1.00	x180	add +2.50					