Prob = soft = 7/30
hard = 5/30
none = 18/30

Date
M T W T F S S

Tear production Rate Age

soft

hard

none

Tear production Rate

	soft	hard	none	P(soft)	P(hard)	P(none)
Normal	7	5	3	7/7	5/5	3/18
Reduced	0	0	15	0/7	0/5	15/18

Age

	soft	hard	none	P(soft)	P(hard)	P(none)
young	3	3	5	3/7	3/5	5/18
presbyopic	2	0	8	2/7	0/5	8/18
pre-presbyopic	2	2	5	2/7	2/5	5/18

Spectacle prescription

	soft	hard	none	P(soft)	P(hard)	P(none)
myope	3	4	8	3/7	4/5	8/18
hypermetrope	4	1	10	4/7	1/5	10/18

Astigmatism

	soft	hard	none	P(soft)	P(hard)	P(none)
no	6	0	10	6/7	0/5	10/18
yes	1	5	8	1/7	5/5	8/18

P(young) x P(myope) x P(yes) x P(normal)

Date
M T W T F S S

	Age	Spectacle	Astigmatism	Tear production rate	Recommend lenses	Likelyhood
1.	young 3/5	Myope 4/5	yes 5/5	Normal 5/5	? 5/30	0.08

0.08/

True positive = $\frac{\text{Number of people correctly classified as positive}}{\text{Total number of actual positives}}$

FP = $\frac{\text{Number of people erroneously classified as positive}}{\text{Total number of actual negatives}}$

Recall = $\frac{TP}{TP + FN}$

Round	correct classified	Erroneously classified	TP rate (y)	(x)
1	0	0	0.00	0.00
2	8	6	0.80	0.60
3	7	2	0.70	0.20
4	6	1	0.60	0.10
5	9	1	0.90	0.10
6	10	0	1.00	0.00