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SCIENCE EXPERIMENTS ON FID

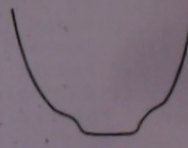
Chin Shape (2):

NOTE: Flip coins for this trait only if chin shape (1) was VV or Vv.

Round (RR, Rr)



Square (rr)

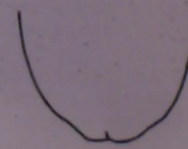


Cleft Chin:

Absent (AA, Aa)



Present (aa)



Curly (CC)

Wavy (Cc)

Straight (cc)

Hair Color

Phenotypes. Continue in this way until you have flipped for all of the facial characteristics.

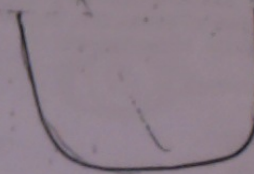
4. Now look at your completed Checklist for Phenotypes. a picture of the offspring as he or she might look. You may cut out the various parts of the face from the illustrations and assemble your face on a sheet of paper.

Face Shape:

Round (RR, Rr)

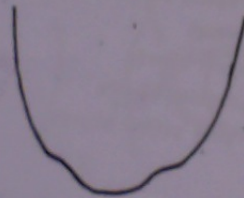


Square (rr)



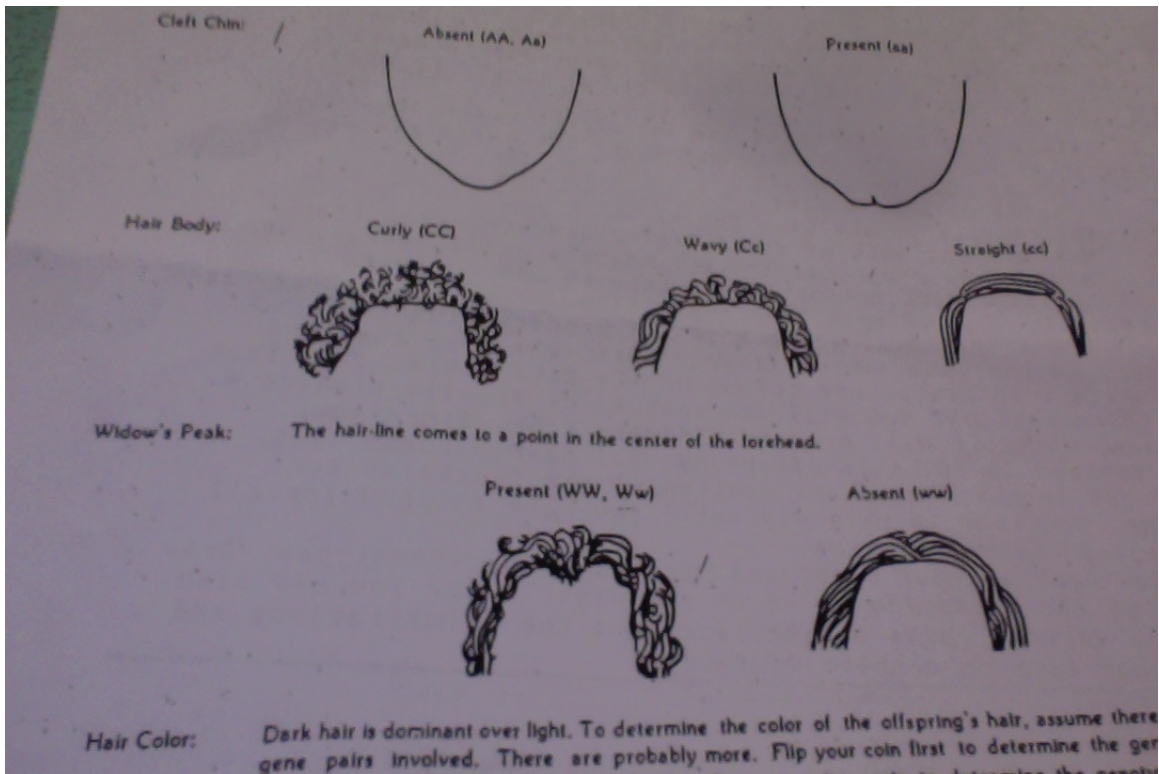
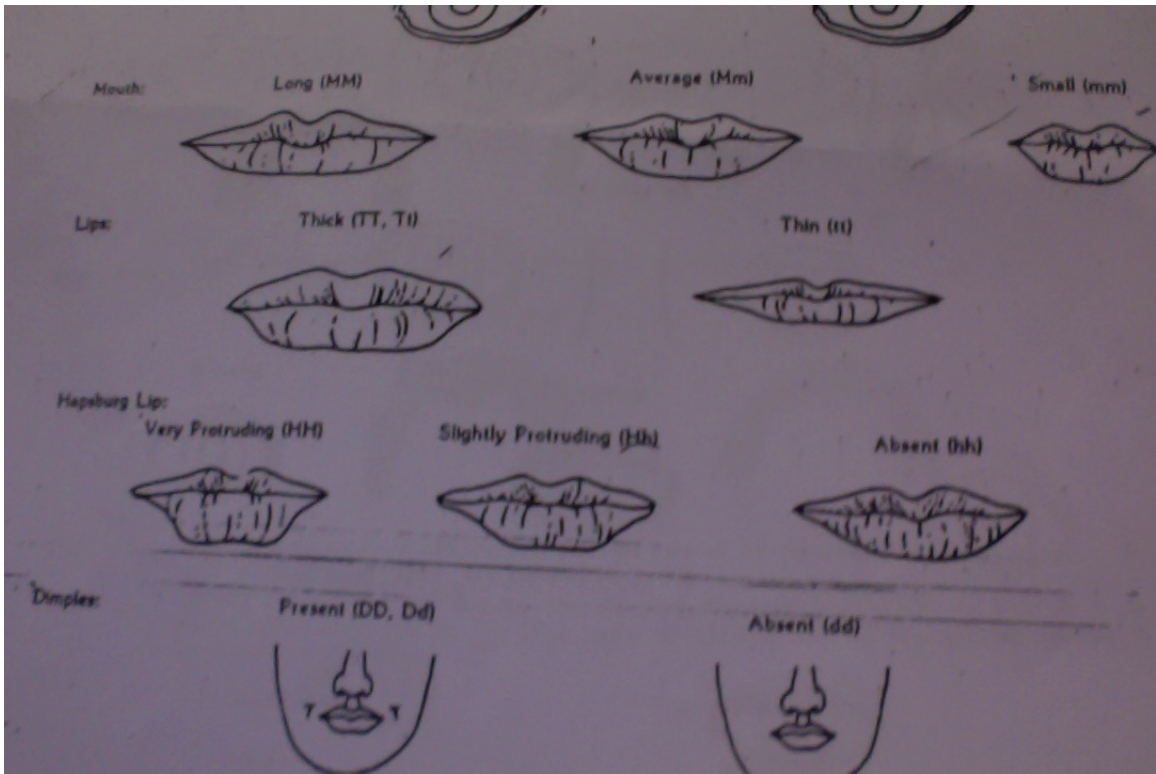
Chin Shape (1):

Very Prominent (VV, Vv)



Less Prominent (vv)





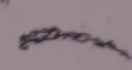
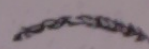
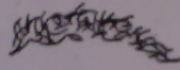
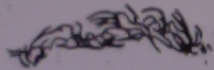
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Eyebrows (1)

Bushy (BB, Bb)

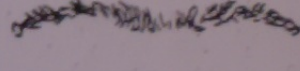
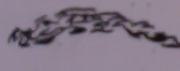
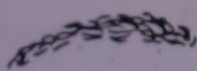
Fine (bb)



Eyebrows (2)

Not connected (NN, Nn)

Connected (nn)



Color of Eyebrows:

Darker than hair (HH)

Same as hair (Hh)

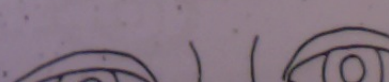
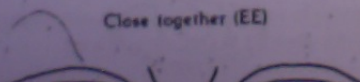
Lighter than hair (hh)

Eyes

Distance apart:

Close together (EE)

Average (Ee) ✓



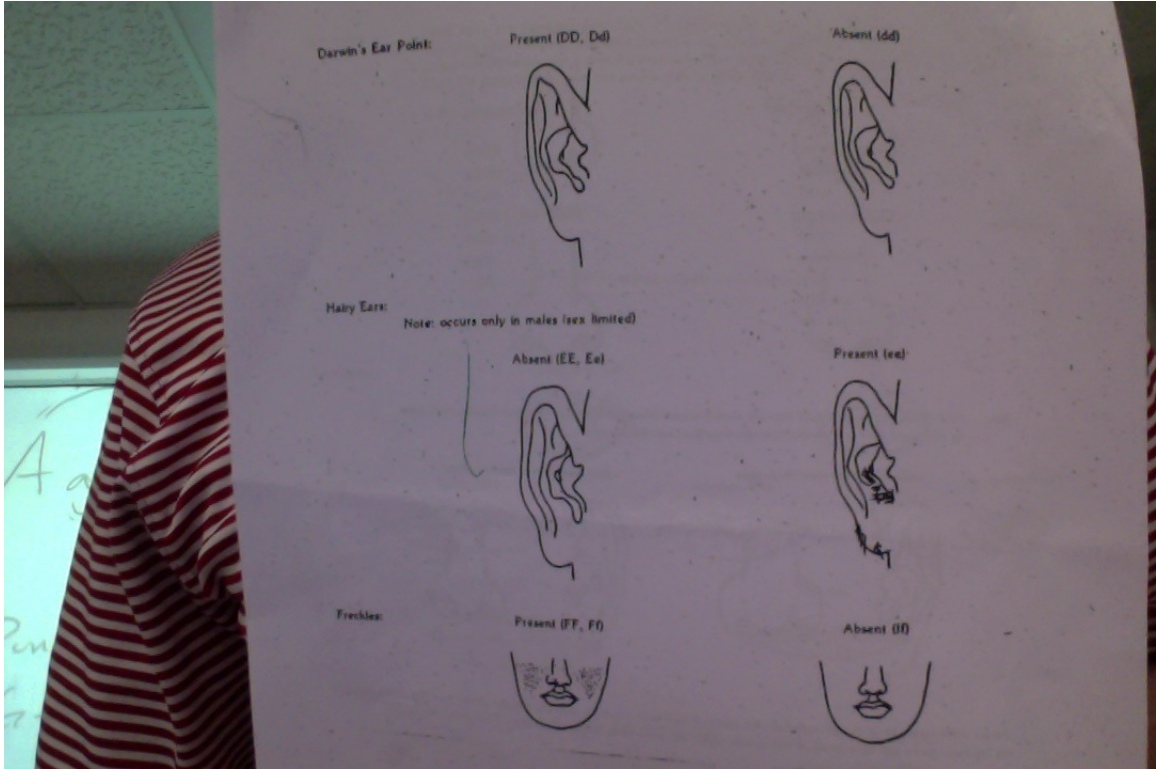
To see if the traits have...
for big ears, make the ears small. If the results called for...

Ear Lobes:

Free (FF, Ff)

Attached (ff)





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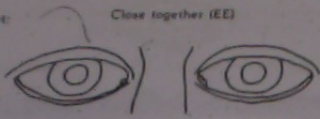
Eye Color: Dark eyes are dominant over light. To determine the color of the offspring's eyes, assume two gene pairs involved, one which codes for depositing pigment in the front of the iris and codes for depositing pigment in the back of the iris. Determine the genotype of the first pair. Then flip again to determine the second pair of genes (BB, Bb, bb).

If the genotype is:	Then the eye color is:
AABB	dark brown
AABb	dark brown
AAbb	brown
AaBB	brown/green fleck
AaBb	brown
Aabb	gray-blue
aaBB	green
aaBb	dark blue
aabb	light blue (hazel)

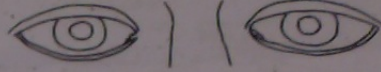
Eye Lashes: Long (LL, Ll) Short (ll)

Eyes
Distance apart:

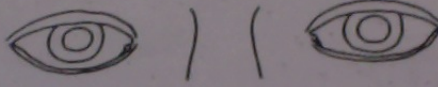
Close together (EE)



Average (Ea) ✓



Far apart (ee)



Size:

Large (LL)



Medium (Li) ✓



Small (ll)



Shape:

Almond (wide) (AA, Aa)



Round (narrow) (aa)



Slantedness (position):

Horizontal (HH, Hh)

Upward slant (hh)