

#1 S = short s = long
 or H = short h = long

- A) Hh x Hh
 B) H or h
 C) 1 HH : 2 Hh : 1 hh
 D) 3 short : 1 long
 E) 22.5 short : 7.5 long

	H	h
H	HH	Hh
h	Hh	hh

#2 a) Hh x hh b) ???

- c) 1 Hh : 1 hh
 d) 1 short : 1 long
 e) 15

	H	h
h	Hh	hh
h	Hh	hh

#3 T = tall G = green
 t = short g = yellow

	GT	Gt	gT	gt
gt	GgTt	Ggtt	ggTt	ggtt

a. GgTt x ggTt

b. \downarrow 4 (GT, gT, Gt, gt) \downarrow (gt)

d. 1 green tall : 1 green short : 1 yellow tall : 1 yellow short
 e = 250

#4 PpLl x PpLl

9 one pod normal : 3 one pod wrinkled : 3 three pod normal
 1 three pod wrinkled

#5 R = stripes red
Y = yellow stripes

RR = red stripes
YY = yellow stripes
RY = red + yellow stripes

a) codominance

b) incomplete = orange stripes

c)

	R	Y
R	RR	RY
Y	RY	YY

 = 1 red : 2 red + yellow : 1 yellow

#6 Man = A — \leftarrow

A	O
KB	BO
AO	OO

 Woman = — \leftarrow $\left\{ \begin{array}{l} B \\ O \end{array} \right.$

#7) There is none

#8) 3, 4, 1, 6, 7, 5, 2, 8

#9) skip this one

#10) $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{8}$

#11) Do individual Punnett \boxplus

$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4} \times \frac{3}{4} = \frac{9}{32}$

A	A
A	a

 \times

B	b
b	b