GENETICS WORKSHEET ANSWER SHEET

NOTE: Pages 1 & 2 are not included here since there are no problems on these pages.

Section I: Monohybrid Crosses

<u>r</u>

In tomatoes, red fruits are dominant over yellow fruits.

A. What letter would you choose to represent the red and yellow alleles.

RED ALLELE = __R_ YELLOW ALLELE =

- 2. Using your answers from #1, determine the genotypes of these organisms (remember, 2 letters for each trait).
 - A. homozygous red fruited plant = RR
 - B. heterozygous plant = $\frac{Rr}{C}$. yellow fruited plant = $\frac{rr}{C}$

 - D. What is the phenotype (appearance) of plant B? RED

mgave ythe me essibilitafamentinanto decide the talacmey were necessary gous. 3. Brown eves are a dominant eve-çolor allele and blue eves are recessive. A brown-...
eved woman whose father had blue eves and whose mother had brown eves marries a prown-eyed man wnose patents are also prown-eyed. I n'ey nave a son who' is plueomelyell resease us ar beingsterssion ny far ivar grandpate its; die two pateins, all son...Indicate แต่ว่าคนับสมัยเล่า และ เลยางับสมัยเลยางับส քաւշ ereare.... more then one possibility..., tara tara tara da kacamatan da k " what is Gerdy's genotype?_ (b) SpaperRillyRgb is heterozyzopy for his savarenants shape. What is his zengtxoe $\mathcal{G}_{r^{-1}}$. (`) (c) Complete the Punnett square to show the possibilities that would result it billy book Gerdy -1-18 that not consider the Punnett square for show the possibilities that would result it be something. hạd (d) List the mospible sengtiones and inhepationes for the kid - (^) (V) whaths me brobbitant of krastwa