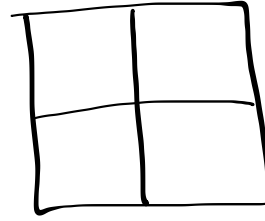


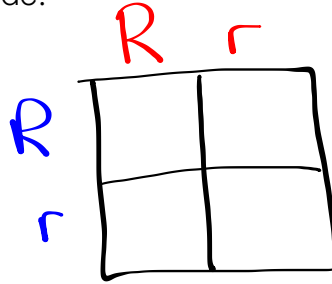
DRAWING PUNNETT SQUARES

1. Draw a box and divide into four squares.



2. Write the male parent's alleles along the top of the square and the female's alleles along the left side.

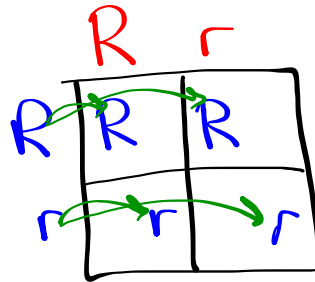
example is
of round
hybrid peas



each
square has
one allele

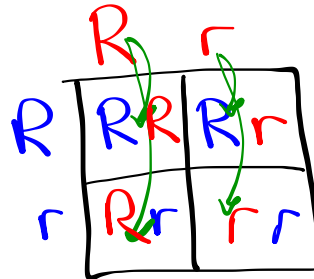
3. Copy the female parent's alleles into the boxes to their right (over over over over).

each
square has
one allele
from mom



4. Copy the male parent's alleles into the boxes beneath them (down down down down).

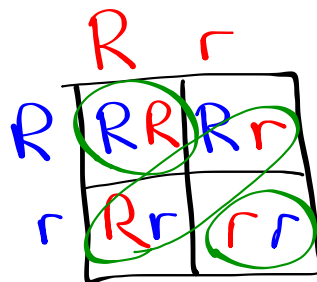
Now
each square
has 2 alleles:
one from each
parent



5. The completed Punnett square shows all the possible allele combinations in the offspring. (easy math kids... out of 4 chances!)

genotype

RR	1/4	25%
Rr	2/4	50%
rr	1/4	25%



phenotype

Round	3/4	75%
Wrinkled	1/4	25%

Attachments

Rubric Standard 3.pdf