



MONOHYBRID CROSS WORKSHEET 1

Sciencenotes.org

Name

Date

Vocabulary: fill in the Blanks

- ___1. Different variations of a gene.
___2. An individual's collection of genes and alleles.
___3. An allele that is only expressed in a homozygous state.
___4. An allele that is expressed in a heterozygous state.
___5. A unit of heredity that usually encodes a protein.
___6. A diagram used to predict genotypes.
___7. When dominant alleles mask recessive allele effect.
___8. When recessive alleles have a partial phenotypic effect.
___9. A specific characteristic or attribute of an organism.
___10. The offspring generation.
___11. The generation preceding the offspring generation.
___12. Also known as allele frequency.
___13. Set of all genes found within a given population.
- A. Complete dominance
B. Monohybrid cross
C. Punnett square
D. Genotype
E. Gene
F. Allele
G. Recessive trait
H. Dominant trait
I. Trait
J. Filial generation
K. Parental generation
L. Genotypic frequencies
M. Homozygous
N. Heterozygous
O. Incomplete dominance
P. Gene pool

Circle choices that match each word:

14. Heterozygous Hn Nn aa Bb hh Yy YY Aa Gg oo EE
15. Homozygous dominant Bb AA Ee NN Hh hh Aa Kk LL MM Gg
17. Homozygous recessive Yy GG aa Bb Nn nn Kk LL oo ee Aa
18. Recessive allele a N K m h H U k O p P o F A R r
19. Dominant allele H j K k U y Y T M L F f d D P A

Complete the Punnett squares:

	a	a
A		
a		

	H	h
H		
h		

	B	B
B		
b		