

Dihybrid Practice Problems

H-

Name _____

Period _____

For each of the following problems:

1. make a Punnett square
2. determine the genotype ratio
3. determine the phenotype ratio

GG, Gg = golden fur

gg = silver fur

LL, Ll = long fur

ll short fur

A. $GGLl \times GgLl \longrightarrow GGLl \times GgLl$

	GL	Gl	gL	gl
GL	GGLL	GGLl	GgLL	GgLl
Gl	GGLl	GGLl	GgLl	Ggll
gL				
Gl				

Remember, you can eliminate repeating rows and/or columns as shown in this example. Also, like letters are paired and upper case letters go before lower case letters.

B. $Ggll \times GgLl$

C. $GgLl \times ggLl$

D. $GgLL \times ggll$

E. $ggLl \times ggLl$

F. $GGLL \times GgLl$