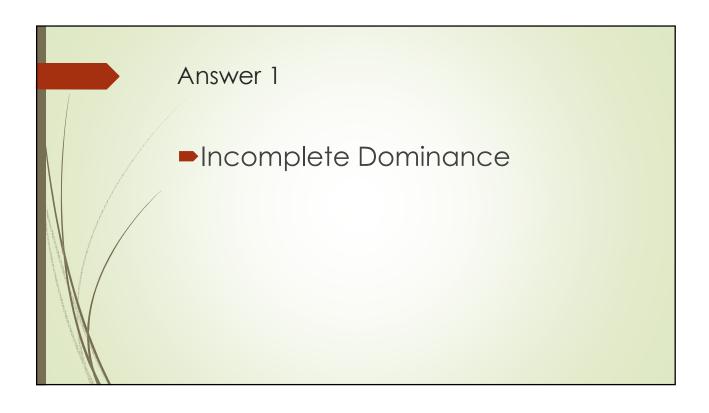


# Question 1

The heterozygous phenotype is somewhere in between the two homozygous phenotypes. What exception is this.



	Question 2							
	2) Camellia flowers can be red, white or white and red. The red color is dominant. Fill in the Punne square and determine the expected genotypes and phenotypes from crossing homozygous red and heterozygous red white parents.							
1. 在1955年2月1日 11 11 11 11 11 11 11 11 11 11 11 11 1	R	R	R	Genotypes:				
	W			Is this an example of incomplete or codominance?				

### Answer 2

2) Camellia flowers can be red, white or white and red. The red color is dominant. Fill in the Punnett square and determine the expected genotypes and phenotypes from crossing homozygous red and heterozygous red white parents.

R R

Is this an example of incomplete or codominance? Codominance?

# Question 3

4) Blood types A and B are dominant over type O. Fill in the Punnett square and determine the expected genotypes and phenotypes from crossing a person who has heterozygous type B and a person with heterozygous type A.

 $\mathsf{I}^{\mathsf{A}}$ 

Genotypes:

Phenotypes:

# Answer 3

4) Blood types A and B are dominant over type O. Fill in the Punnett square and determine the expected genotypes and phenotypes from crossing a person who has heterozygous type B and a person with heterozygous type A.

 $I^{B} \qquad i$   $I^{A} \qquad \boxed{I \text{ATB } I^{A} :}$   $i \qquad \boxed{I^{B} : i :}$ 

Genotypes: TATB, TAI, TBIII

Phenotypes: IAB, IA, IB, IO

Is this an example of incomplete or codominance? Codominarice

## Question 4

1) In a chestnut horse, their coat (hair) color can be reddish brown (AA), light red/pink (Aa), and creamy white (aa). Fill in the Punnett square and determine the expected genotypes and phenotypes from crossing heterozygous and heterozygous parents.



Genotypes: \_\_\_\_\_\_

Is this an example of incomplete or codominance? \_\_\_\_\_

	Answer 4
white (aa). F	The property of their coat (hair) color can be reddish brown (AA), light red/pink (Aa), and creamy fill in the Punnett square and determine the expected genotypes and phenotypes from rozygous and heterozygous parents.  Genotypes:    AA

# 4) Color blindness is a recessive sex-linked genetic disorder located on the X chromosome. Fill in the Punnett square for a closs of a male who is color blind and a female who is a carrier for color blindness. Genotypes: Circle all phenotype(s): normal male, male with colorblindness, normal female, carrier female, female with colorblindness % of kids with disorder: Circle their gender(s) male / female

Answ	er 5
	Sive sex-linked genetic disorder located on the X chromosome. Fill in the Sa male who is color blind and a female who is a carrier for color blindness.  Genotypes:

	Question 6				
,一种或其它的对于特定是现在是不是不是不是不是不是不是不是不是不是不是不是不是不是不是不是不是不是不是		Sive sex-linked genetic disorder located on the X chromosome. Fill in the facolor blind male and a color blind female.  Genotypes:  Circle all phenotype(s): normal male, male with colorblindness, normal female, carrier female, female with colorblindness  % of kids with disorder:  Circle their gender(s) male / female			

