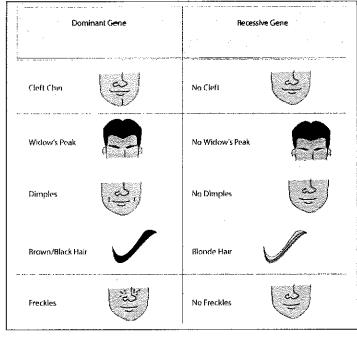
organism did he study?
aits
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nt red fur?



'	notypes are expressed in incomplete
dominance? <u>3</u> _	cre = red 2 3 nenoth
24. What is codomin	nance? CEC Show up - both are
dominar	<i>i</i> 1
	example of codominance in
humans? blo	od type

26. What genotype(s) would show cleft chin?
27. What genotype would show no widow's peak?
28. What genotype would show blonde hair?
Write the possible phenotype for questions 25-29:
29. DD Dimples
30. cc <u>no cleft</u>
31. Ww Widow's peak
32. FF <u>freckles</u>
33. Bb Brown/Black hair
34. Look at the chart, how many dominant traits do you have?3 recessive?2
35. What does a Punnett Square show? the probabilities of the alleles that the offspring will receive
36. What is Probability? the possibility of an occurance OR the likelihood that a particular event will occur
37. What is a mutation? a permanent Change in the DNA
38. What is an example of an inherited trait?
eye color, Skin Color, hair type, Widows peak, freeklas, dimples
39. What is an example of an acquired trait? a skill or talent that is developed.
a gkill or talent that is developed, personality, etc. 40. What is an example of a harmful mutation?
Mary Jack D. Atrophy List Holling Colored
41. What is an example of a beneficial mutation?
longer beak in birds, white for color in the Tundra
42. Chromosomes are made up of condensed
<u>DNA</u> . Sections of chromosomes that code for particular traits are called <u>genes</u> .
1

43. In rabbits black fur is dominant to white fur. However, there is a 3 rd phe heterozygous rabbits. If a blank grey rabbit is crossed with a black rabbit. W			
potential offspring?	CB CW		
Genotypes: CBCB, CBCN Ratio: 50/50	CB CBCB CBCW		
	OB OB B OB W		
Phenotypes: black, grey Ratio: 50/50			
In sun bears, long tongues are completely dominant to short tongues. The tongue and the father has a short tongue. $\ell\ell$	mother is homozygous dominant for long		
44. What is the mother's genotype? what is the father's g	genotype?l		
45. Do a Punnett Square to determine their potential offspring.	L		
Probability of long tongue?/@O%	e Ll Ll		
Probability of short tongue?%			
	l Ll Ll		
46. One of the sun bear's female offspring mates with a short tongue male. offspring? <u>LL</u> , <u>LL</u>	. What is the genotype of the sun bear's		
47. Do a Punnett Square to determine their potential offspring.	e le le		
Probability of long tongue? <u>50</u> %	o Le el		
Probability of short tongue?%	~		
49. Normal red blood cells are dominant to sickle shaped red blood cells. If			
cells they are said to have Sickle Cell Anemia. Two parents are both carriers for their offspring? N = Normal	s for the trait, what are the possible outcomes		
n = sickle cell	A/ A/A/ A/		
Genotype of Parents: // n	N N N		
Phenotypic Results: 1 normal RBCs, 2 carriers, 1 sicklecell 25% 50% 28%	$n \mid N_n \mid nn$		
What is the advantage that carriers have? <u>immunity to Malaria</u>			
Colon of the Colon of the Colon of Colon of the Colon of	50. What tool is that? Dediaree		
[2003] Meet Me	1 1		
3 As very 1912 As	51. How many generations?		
Wilst tops at Company	53. What does a carrier female look like:		
	The control of the co		
Section Control Contro	54. How many affected males?		
The Total	55. How many carrier females?		

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