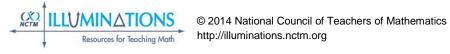
Sickle Cell Inheritance NAME:
Glossary
 Sickle cell disease: a genetic disease Sickle trait: a genotype with one sickle and one normal gene. People with sickle trait are immune to malaria. Normal: a genotype that does not have any potential for passing on a sickle gene Allele: a gene from one parent. One gene from each parent combined make the child have a complete set of genes. Dominant: a trait that only needs one copy of that gene in order to display Recessive: a trait that needs two copies of that gene in order to display Inheritance: getting traits from your parents Homozygous: the allele for the same gene came from both parents for the child Heterozygous: alleles for different genes came from each parent for the child
Hypothesis:
Materials:
Methods/Procedure:



Data Collection

Baby number	Gene from Mother	Gene from Father	Result
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
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21		
22		
23		
23		
24		
25		
26		
27		
20		
28		
29		
29		
30		
3.0		

Data Analysis

	Sickle Cell Anemia	Sickle trait	Normal				
Number							
Out of							
Fraction							
Percent							
% deviation from expected							
Discussion of Results							