

Name: _____

Hidaya's Story

Using the pedigree you have constructed, complete the following Punnett squares using M/m.

1) Show the cross between Heruma and Hatari:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____
_____Phenotype %: _____

Circle Hidaya in the Punnett Square above.

2) Show the cross between Afifa and Jalil:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____
_____Phenotype %: _____

Circle Heruma in the Punnett Square above.

3) Show the cross between Rim and Sadiki:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____
_____Phenotype %: _____

Circle Ituri in the Punnett Square above.

Looking into the future... Consider what would happen in the following crosses.

4) Show the cross between Hidaya and Saburi:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____

Phenotype %: _____

5) Show a cross between Barati and her dark-skinned husband if he had no albinism in his family:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____

Phenotype %: _____

6) Show a cross between Baraka and his dark-skinned wife who had an albino father:

Mother's genotype: _____

Father's genotype: _____

Genotype %: _____

Phenotype %: _____
