

Use a Simple Inheritance Model: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

An illustrative allele model

In a simplified model, A is dominant and a is recessive. Two Aa parents each contribute A or a with equal chance. The model assumes complete dominance and does not describe every real trait.

Allele	Parent A	Parent a
Other A	AA	Aa
Other a	Aa	aa

1. How many boxes show Aa?

2. What probability does the model give for aa?
