

Mice from Pluto: Using the data below, determine the inheritance of coat color (gray, white) and tail shape (bent, normal). Determine whether each trait is autosomal or sex-linked, and which allele is dominant or recessive. The parental genotypes are unknown (i.e., you cannot assume that they are homozygous).

	♂♂	♀♀	♂♂	♀♀
1	gray, normal	white, bent	$\frac{1}{2}$ gray, bent $\frac{1}{2}$ white bent	$\frac{1}{2}$ gray, normal $\frac{1}{2}$ white, normal
2	gray, bent	white, normal	$\frac{1}{2}$ gray, bent $\frac{1}{2}$ gray, normal	$\frac{1}{2}$ gray, bent $\frac{1}{2}$ gray, normal
3	white, bent	white, normal	white, bent	white, bent
4	gray, normal	gray, normal	gray, normal	gray, normal
5	gray, bent	gray, bent	$\frac{3}{4}$ gray, bent $\frac{1}{4}$ white, bent	$\frac{3}{4}$ gray, bent $\frac{1}{4}$ white, bent
6	white, bent	gray bent	gray, bent	$\frac{1}{2}$ gray, bent $\frac{1}{2}$ gray, normal