

Write the Genotypes for the following pairs of individuals using both Medelian and Drosophila symbol.

Use letters A/a for Mary Jane and B/b for John Doe

Auto-Dom
 Aff Nor
 A/- a/a

 A/- A+/A+

	♀ Mary Jane [Affected] Auto-Dom	♂ John Doe [Normal] X-Dom
Mendelian	A/- b/b	a/b/Y
Drosophila	A/- B ⁺ /B ⁺	A ⁺ /A ⁺ B ⁺ /Y

X-Dom
 Aff Nor
 B/- b/b
 B/Y b/Y

 B/- B⁺/B⁺
 B/Y B⁺/Y

X-Rec
 Aff Nor
 A/- a/a
 A⁺ a/Y

 A/- A⁺/A⁺
 A/Y A⁺/Y

	♀ Mary Jane [Affected] X-Dom	♂ John Doe [Affected] X-Rec
Mendelian	A/- B/-	a/Y b/Y
Drosophila	A/- b ⁺ /-	A ⁺ /Y b/Y

X-Rec
 Aff Nor
 b/b B/-
 b/Y B/Y

 b/b b⁺/~~Y~~
 b/Y b⁺/Y

Auto-Dom
 Aff Nor
 A/- a/a

 A/- A⁺/A⁺

	♀ Mary Jane [Affected] Auto-Dom	♂ John Doe [Normal] Auto-Rec
Mendelian	A/- B/-	a/a B/-
Drosophila	A/- b ⁺ /-	A ⁺ /A ⁺ b ⁺ /-

Auto-Rec
 Aff Nor
 b/b B/-

 b/b b⁺/-

Corrected genotypes for two X-linked genes

A B/-

a b/Y

A b⁺/-

A⁺ b/Y