

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 Rec
 Aff Nor
 a/a A/-
 a/a ~~A/-~~
 a/a ~~cat~~

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

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

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

Auto Dom
 Aff Nor
 A/- a/a
 A/- A⁺/A⁺

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

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