Non-Disjunction of Chromosomes during Meiosis (Cell Division)

Sometimes during Meiosis one or more sister chromosomes do not separate resulting in one of the daughter cells having more chromosomes than others. This is called **non-disjunction**.

Write a paragraph with the subheading” *The Result of Non-disjunction in Humans.”* Use the Internet to research the following syndromes and a write a brief summary about each one in your own words. Describe the cause, the symptoms and how you think this might affect someone’s life style. You may include diagrams if you like:

1. **Down syndrome**
2. **Patau’s syndrome**
3. **Turner’s syndrome**
4. **Trisomy X (called metafemales)**
5. **Klinefelters syndrome**
6. **Jacob’s syndrome.**