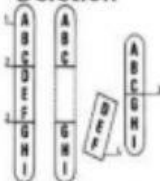
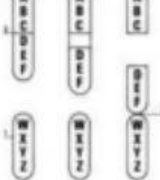


## Chromosomal Mutations Cards

**\*\*The mutated chromosome segments are not next to the appropriate mutation name, so your task is to match them by looking at what is mutated in the chromosome!! \*\* The names are matched correctly with the description so this is another clue.\*\*Look closely for patterns!**

|                                                                                                                 |  |                     |
|-----------------------------------------------------------------------------------------------------------------|--|---------------------|
| <p><b>A Deletion</b></p>       |  | Mutated Chromosome  |
| <p><b>B Inversion</b></p>      |  | Mutated Chromosome  |
| <p><b>C Translocation</b></p>  |  | Mutated Chromosomes |

Normal chromosome:

1 2 3 4 5 6

A portion of the chromosome has broken off, turned upside down and reattached, therefore the genetic material is backward.

When a portion of one chromosome is transported to another chromosome.

1 2 3 4 5 6

1 2 5 4 3 6

1 2 3 4 5 6

1 2 5

1 2 3 4 5 6

7 8 9

1 2 3 4 5 6 7

8 9

### Description

A portion of the chromosome is missing or deleted.