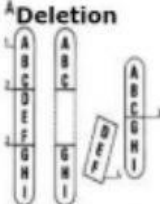

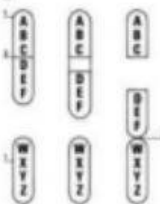


Chromosomal Mutations Cards

****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>A Deletion</p> 		Mutated Chromosome
<p>B Inversion</p> 		Mutated Chromosome
<p>C Translocation</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.