

# Warm Up

Identify each of the following statements as **TRUE** or **FALSE**. If **FALSE**, change it to make it a **TRUE** statement.

1. A carrier is someone with one copy of an autosomal recessive allele and one normal allele who does not express the trait, but can pass it along to his/her offspring.
2. The failure of homologous chromosomes to separate during mitosis is called nondisjunction.
3. The chromosomes that determine sex are called autosomes.
4. Persons with two X chromosomes are male.
5. Trisomy results when a cell has only one copy of a chromosome.
6. Mutations that happen in somatic cells can be passed on to offspring.