1. The student council is holding a bake sale so they can raise money to have a school dance. The more items they sell, the more money they will make. Identify the independent and dependent variables.

IV: Sales DV: \$

(2,10)

The relation to the right is a function: { (0,3), (2,9), (-3,5), (-2,2), (1,1)}

- 2. Create another ordered pair that would keep the relation a function
- 3. Create another ordered pair that would make the relation **not** a function

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Domain and Range

The **domain** of a relation is the set of all inputs or x - coordinates

The **range** of a relation is the set of all outputs, or y - coordinates

Relations can either be continuous or discrete.







