8.2 Domain and Range: Inequalities

Describe the domain and range for each function using set notation and interval notation.

\*\*\*Remember\*\*\*

A **closed dot** indicates \_\_\_ or \_\_\_ when using inequalities

and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when using interval notation.

An **open dot** indicates \_\_\_ or \_\_\_ when using inequalities

and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when using interval notation.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | | |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | |
| |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | | |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | |
| |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | | |  |  |  | | --- | --- | --- | |  | Inequality | Interval Notation | | Domain |  |  | | Range |  |  | |