## English Phrases Written Mathematically

## When the English says: Interpret this as:

$X$ is at least 4 .
$X \geq 4$
The minimum of $X$ is $4 . \quad X \geq 4$
$X$ is no less than $4 . \quad X \geq 4$
$X$ is greater than or equal to 4 . $X \geq 4$
$X$ is at most $4 . \quad X \leq 4$
The maximum of $X$ is $4 . \quad X \leq 4$
$X$ is no more than $4 . \quad X \leq 4$
$X$ is less than or equal to $4 . \quad X \leq 4$
$X$ does not exceed $4 . \quad X \leq 4$
$X$ is greater than $4 . \quad X>4$
$X$ is more than $4 . \quad X>4$
$X$ exceeds $4 . \quad X>4$
$X$ is less than $4 . \quad X<4$
There are fewer $X$ than 4. $\quad X<4$
$X$ is 4 .
$X=4$
$X$ is equal to $4 . \quad X=4$
$X$ is the same as $4 . \quad X=4$
$X$ is not 4 . $\quad X \neq 4$
$X$ is not equal to $4 . \quad X \neq 4$
$X$ is not the same as $4 . \quad X \neq 4$
$X$ is different than $4 . \quad X \neq 4$

