## Bell Work

How could we simplify the solution?

$x > 4$ or $x > 1$

Write each sentence as an inequality.

A number x is greater than −8 and less than or equal to 4.

Write each sentence as an inequality.

A number d is more than 0 and less than 10.

Write each sentence as an inequality.

A number y is at most 0 or at least $\frac{3}{2}$ .

Write each sentence as an inequality.

A number a is fewer than −6 or no less than −3.

An electronic device may fail outside of its operating temperature range. Write an inequality that represents the possible operating temperatures (in degrees Fahrenheit) of the smartphone. Then describe a situation in which the phone may be outside of the operating range.

3

Operating temperature:
0°C to 35°C