Compound Inequalities & Number Lines

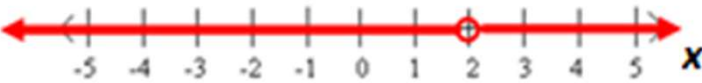Graph each compound sentence on a number line.

a) $0 < x \le 10$

b) $x > 0$ and $x < 3$

c) $x < 1$ and $x > -1$
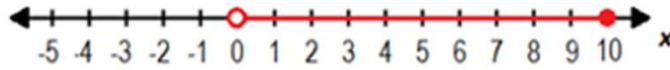
2. Write a compound inequality for each graph.

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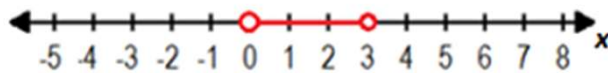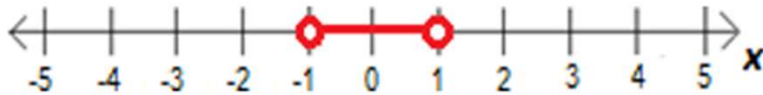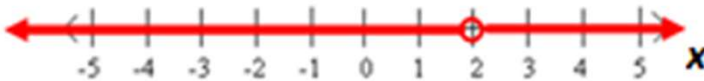

2. Write a compound inequality for each graph.

$x < 1 \ or \ x \geq 3$

$x < 2 \ or \ x > 2,$ *which can be written as* $x \neq 2$

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